

Global Recombinant Protein Vaccine Market Research Report 2025(Status and Outlook)

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Abstracts

Recombinant protein vaccines represent a class of immunizations developed through recombinant DNA technology, where specific antigenic proteins of a pathogen are produced in heterologous expression systems?such as bacteria, yeast, insect, or mammalian cells?rather than using the whole pathogen or live attenuated forms. These vaccines elicit an immune response by presenting purified, non-infectious protein subunits to the immune system, often formulated with adjuvants to enhance immunogenicity. This approach offers advantages in safety, scalability, and precise antigen targeting, making it suitable for vaccines against viruses like hepatitis B, human papillomavirus (HPV), and more recently, COVID-19. The technology also supports the development of multivalent or combination vaccines and allows for engineering to improve stability and efficacy.

The global Recombinant Protein Vaccine market size was estimated at USD 18750.0 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 8.50% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Recombinant Protein Vaccine market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Recombinant Protein Vaccine market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Recombinant Protein Vaccine market.

Global Recombinant Protein Vaccine Market: Market Segmentation Analysis

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

Key Company

Merck
GSK
Sanofi
Zoties
Elanco
Boehringer-Ingelheim
Indian Immunologicals
Plumblin Life Sciences
Novavax
Medicago
Pukang Biologic Technology

Johnson & Johnson
Clover Biopharmaceuticals
Suzhou Yuzhibo Biotechnology

Market Segmentation (by Type)

Bacterial Cells Culture
Mammalian Cells Culture

Market Segmentation (by Application)

Human
Animal

Geographic Segmentation

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the Recombinant Protein Vaccine Market
Overview of the regional outlook of the Recombinant Protein Vaccine Market:

Customization of the Report

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Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Recombinant Protein Vaccine Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Recombinant Protein Vaccine, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each

region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

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Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

1.1 Market Definition and Statistical Scope of Recombinant Protein Vaccine

1.2 Key Market Segments

1.2.1 Recombinant Protein Vaccine Segment by Type

1.2.2 Recombinant Protein Vaccine Segment by Application

1.3 Methodology & Sources of Information

1.3.1 Research Methodology

1.3.2 Research Process

1.3.3 Market Breakdown and Data Triangulation

1.3.4 Base Year

1.3.5 Report Assumptions & Caveats

2 RECOMBINANT PROTEIN VACCINE MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Recombinant Protein Vaccine Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Recombinant Protein Vaccine Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 RECOMBINANT PROTEIN VACCINE MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Recombinant Protein Vaccine Product Life Cycle

3.3 Global Recombinant Protein Vaccine Sales by Manufacturers (2020-2025)

3.4 Global Recombinant Protein Vaccine Revenue Market Share by Manufacturers (2020-2025)

3.5 Recombinant Protein Vaccine Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Recombinant Protein Vaccine Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Recombinant Protein Vaccine Market Competitive Situation and Trends

3.8.1 Recombinant Protein Vaccine Market Concentration Rate

3.8.2 Global 5 and 10 Largest Recombinant Protein Vaccine Players Market Share by

Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 RECOMBINANT PROTEIN VACCINE INDUSTRY CHAIN ANALYSIS

4.1 Recombinant Protein Vaccine Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF RECOMBINANT PROTEIN VACCINE MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Recombinant Protein Vaccine Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Recombinant Protein Vaccine Market

5.7 ESG Ratings of Leading Companies

6 RECOMBINANT PROTEIN VACCINE MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Recombinant Protein Vaccine Sales Market Share by Type (2020-2025)

6.3 Global Recombinant Protein Vaccine Market Size Market Share by Type (2020-2025)

6.4 Global Recombinant Protein Vaccine Price by Type (2020-2025)

7 RECOMBINANT PROTEIN VACCINE MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Recombinant Protein Vaccine Market Sales by Application (2020-2025)

7.3 Global Recombinant Protein Vaccine Market Size (M USD) by Application (2020-2025)

7.4 Global Recombinant Protein Vaccine Sales Growth Rate by Application (2020-2025)

8 RECOMBINANT PROTEIN VACCINE MARKET SALES BY REGION

8.1 Global Recombinant Protein Vaccine Sales by Region

8.1.1 Global Recombinant Protein Vaccine Sales by Region

8.1.2 Global Recombinant Protein Vaccine Sales Market Share by Region

8.2 Global Recombinant Protein Vaccine Market Size by Region

8.2.1 Global Recombinant Protein Vaccine Market Size by Region

8.2.2 Global Recombinant Protein Vaccine Market Size Market Share by Region

8.3 North America

8.3.1 North America Recombinant Protein Vaccine Sales by Country

8.3.2 North America Recombinant Protein Vaccine Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Recombinant Protein Vaccine Sales by Country

8.4.2 Europe Recombinant Protein Vaccine Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Recombinant Protein Vaccine Sales by Region

8.5.2 Asia Pacific Recombinant Protein Vaccine Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

8.5.5 South Korea Market Overview

8.5.6 India Market Overview

8.5.7 Southeast Asia Market Overview

8.6 South America

8.6.1 South America Recombinant Protein Vaccine Sales by Country

8.6.2 South America Recombinant Protein Vaccine Market Size by Country

8.6.3 Brazil Market Overview

8.6.4 Argentina Market Overview

8.6.5 Columbia Market Overview

8.7 Middle East and Africa

8.7.1 Middle East and Africa Recombinant Protein Vaccine Sales by Region

8.7.2 Middle East and Africa Recombinant Protein Vaccine Market Size by Region

8.7.3 Saudi Arabia Market Overview

8.7.4 UAE Market Overview

8.7.5 Egypt Market Overview

8.7.6 Nigeria Market Overview

8.7.7 South Africa Market Overview

9 RECOMBINANT PROTEIN VACCINE MARKET PRODUCTION BY REGION

9.1 Global Production of Recombinant Protein Vaccine by Region(2020-2025)

9.2 Global Recombinant Protein Vaccine Revenue Market Share by Region
(2020-2025)

9.3 Global Recombinant Protein Vaccine Production, Revenue, Price and Gross Margin
(2020-2025)

9.4 North America Recombinant Protein Vaccine Production

9.4.1 North America Recombinant Protein Vaccine Production Growth Rate
(2020-2025)

9.4.2 North America Recombinant Protein Vaccine Production, Revenue, Price and
Gross Margin (2020-2025)

9.5 Europe Recombinant Protein Vaccine Production

9.5.1 Europe Recombinant Protein Vaccine Production Growth Rate (2020-2025)

9.5.2 Europe Recombinant Protein Vaccine Production, Revenue, Price and Gross
Margin (2020-2025)

9.6 Japan Recombinant Protein Vaccine Production (2020-2025)

9.6.1 Japan Recombinant Protein Vaccine Production Growth Rate (2020-2025)

9.6.2 Japan Recombinant Protein Vaccine Production, Revenue, Price and Gross
Margin (2020-2025)

9.7 China Recombinant Protein Vaccine Production (2020-2025)

9.7.1 China Recombinant Protein Vaccine Production Growth Rate (2020-2025)

9.7.2 China Recombinant Protein Vaccine Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Merck

10.1.1 Merck Basic Information

10.1.2 Merck Recombinant Protein Vaccine Product Overview

10.1.3 Merck Recombinant Protein Vaccine Product Market Performance

10.1.4 Merck Business Overview

10.1.5 Merck SWOT Analysis

10.1.6 Merck Recent Developments

10.2 GSK

10.2.1 GSK Basic Information

10.2.2 GSK Recombinant Protein Vaccine Product Overview

10.2.3 GSK Recombinant Protein Vaccine Product Market Performance

10.2.4 GSK Business Overview

10.2.5 GSK SWOT Analysis

10.2.6 GSK Recent Developments

10.3 Sanofi

10.3.1 Sanofi Basic Information

10.3.2 Sanofi Recombinant Protein Vaccine Product Overview

10.3.3 Sanofi Recombinant Protein Vaccine Product Market Performance

10.3.4 Sanofi Business Overview

10.3.5 Sanofi SWOT Analysis

10.3.6 Sanofi Recent Developments

10.4 Zoties

10.4.1 Zoties Basic Information

10.4.2 Zoties Recombinant Protein Vaccine Product Overview

10.4.3 Zoties Recombinant Protein Vaccine Product Market Performance

10.4.4 Zoties Business Overview

10.4.5 Zoties Recent Developments

10.5 Elanco

10.5.1 Elanco Basic Information

10.5.2 Elanco Recombinant Protein Vaccine Product Overview

10.5.3 Elanco Recombinant Protein Vaccine Product Market Performance

10.5.4 Elanco Business Overview

10.5.5 Elanco Recent Developments

10.6 Boehringer-Ingelheim

10.6.1 Boehringer-Ingelheim Basic Information

10.6.2 Boehringer-Ingelheim Recombinant Protein Vaccine Product Overview

10.6.3 Boehringer-Ingelheim Recombinant Protein Vaccine Product Market

Performance

10.6.4 Boehringer-Ingelheim Business Overview

10.6.5 Boehringer-Ingelheim Recent Developments

10.7 Indian Immunologicals

10.7.1 Indian Immunologicals Basic Information

10.7.2 Indian Immunologicals Recombinant Protein Vaccine Product Overview

10.7.3 Indian Immunologicals Recombinant Protein Vaccine Product Market

Performance

10.7.4 Indian Immunologicals Business Overview

10.7.5 Indian Immunologicals Recent Developments

10.8 Plumline Life Sciences

10.8.1 Plumline Life Sciences Basic Information

10.8.2 Plumline Life Sciences Recombinant Protein Vaccine Product Overview

10.8.3 Plumline Life Sciences Recombinant Protein Vaccine Product Market

Performance

10.8.4 Plumline Life Sciences Business Overview

10.8.5 Plumline Life Sciences Recent Developments

10.9 Novavax

10.9.1 Novavax Basic Information

10.9.2 Novavax Recombinant Protein Vaccine Product Overview

10.9.3 Novavax Recombinant Protein Vaccine Product Market Performance

10.9.4 Novavax Business Overview

10.9.5 Novavax Recent Developments

10.10 Medicago

10.10.1 Medicago Basic Information

10.10.2 Medicago Recombinant Protein Vaccine Product Overview

10.10.3 Medicago Recombinant Protein Vaccine Product Market Performance

10.10.4 Medicago Business Overview

10.10.5 Medicago Recent Developments

10.11 Pukang Biologic Technology

10.11.1 Pukang Biologic Technology Basic Information

10.11.2 Pukang Biologic Technology Recombinant Protein Vaccine Product Overview

10.11.3 Pukang Biologic Technology Recombinant Protein Vaccine Product Market

Performance

10.11.4 Pukang Biologic Technology Business Overview

10.11.5 Pukang Biologic Technology Recent Developments

10.12 Johnson and Johnson

10.12.1 Johnson and Johnson Basic Information

10.12.2 Johnson and Johnson Recombinant Protein Vaccine Product Overview

10.12.3 Johnson and Johnson Recombinant Protein Vaccine Product Market

Performance

10.12.4 Johnson and Johnson Business Overview

10.12.5 Johnson and Johnson Recent Developments

10.13 Clover Biopharmaceuticals

10.13.1 Clover Biopharmaceuticals Basic Information

10.13.2 Clover Biopharmaceuticals Recombinant Protein Vaccine Product Overview

10.13.3 Clover Biopharmaceuticals Recombinant Protein Vaccine Product Market

Performance

10.13.4 Clover Biopharmaceuticals Business Overview

10.13.5 Clover Biopharmaceuticals Recent Developments

10.14 Suzhou Yuzhibo Biotechnology

10.14.1 Suzhou Yuzhibo Biotechnology Basic Information

10.14.2 Suzhou Yuzhibo Biotechnology Recombinant Protein Vaccine Product

Overview

10.14.3 Suzhou Yuzhibo Biotechnology Recombinant Protein Vaccine Product Market

Performance

10.14.4 Suzhou Yuzhibo Biotechnology Business Overview

10.14.5 Suzhou Yuzhibo Biotechnology Recent Developments

11 RECOMBINANT PROTEIN VACCINE MARKET FORECAST BY REGION

11.1 Global Recombinant Protein Vaccine Market Size Forecast

11.2 Global Recombinant Protein Vaccine Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Recombinant Protein Vaccine Market Size Forecast by Country

11.2.3 Asia Pacific Recombinant Protein Vaccine Market Size Forecast by Region

11.2.4 South America Recombinant Protein Vaccine Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Recombinant Protein Vaccine by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global Recombinant Protein Vaccine Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of Recombinant Protein Vaccine by Type (2026-2033)

12.1.2 Global Recombinant Protein Vaccine Market Size Forecast by Type

(2026-2033)

12.1.3 Global Forecasted Price of Recombinant Protein Vaccine by Type (2026-2033)

12.2 Global Recombinant Protein Vaccine Market Forecast by Application (2026-2033)

12.2.1 Global Recombinant Protein Vaccine Sales (K MT) Forecast by Application

12.2.2 Global Recombinant Protein Vaccine Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. Recombinant Protein Vaccine Market Size Comparison by Region (M USD)

Table 5. Global Recombinant Protein Vaccine Sales (K MT) by Manufacturers
(2020-2025)

Table 6. Global Recombinant Protein Vaccine Sales Market Share by Manufacturers
(2020-2025)

Table 7. Global Recombinant Protein Vaccine Revenue (M USD) by Manufacturers
(2020-2025)

Table 8. Global Recombinant Protein Vaccine Revenue Share by Manufacturers
(2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in
Recombinant Protein Vaccine as of 2024)

Table 10. Global Market Recombinant Protein Vaccine Average Price (USD/KG) of Key
Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Recombinant Protein Vaccine Manufacturers Market Concentration
Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Recombinant Protein Vaccine Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading
Countries

Table 25. Global Recombinant Protein Vaccine Sales by Type (K MT)

Table 26. Global Recombinant Protein Vaccine Market Size by Type (M USD)

Table 27. Global Recombinant Protein Vaccine Sales (K MT) by Type (2020-2025)

Table 28. Global Recombinant Protein Vaccine Sales Market Share by Type (2020-2025)
Table 29. Global Recombinant Protein Vaccine Market Size (M USD) by Type (2020-2025)
Table 30. Global Recombinant Protein Vaccine Market Size Share by Type (2020-2025)
Table 31. Global Recombinant Protein Vaccine Price (USD/KG) by Type (2020-2025)
Table 32. Global Recombinant Protein Vaccine Sales (K MT) by Application
Table 33. Global Recombinant Protein Vaccine Market Size by Application
Table 34. Global Recombinant Protein Vaccine Sales by Application (2020-2025) & (K MT)
Table 35. Global Recombinant Protein Vaccine Sales Market Share by Application (2020-2025)
Table 36. Global Recombinant Protein Vaccine Market Size by Application (2020-2025) & (M USD)
Table 37. Global Recombinant Protein Vaccine Market Share by Application (2020-2025)
Table 38. Global Recombinant Protein Vaccine Sales Growth Rate by Application (2020-2025)
Table 39. Global Recombinant Protein Vaccine Sales by Region (2020-2025) & (K MT)
Table 40. Global Recombinant Protein Vaccine Sales Market Share by Region (2020-2025)
Table 41. Global Recombinant Protein Vaccine Market Size by Region (2020-2025) & (M USD)
Table 42. Global Recombinant Protein Vaccine Market Size Market Share by Region (2020-2025)
Table 43. North America Recombinant Protein Vaccine Sales by Country (2020-2025) & (K MT)
Table 44. North America Recombinant Protein Vaccine Market Size by Country (2020-2025) & (M USD)
Table 45. Europe Recombinant Protein Vaccine Sales by Country (2020-2025) & (K MT)
Table 46. Europe Recombinant Protein Vaccine Market Size by Country (2020-2025) & (M USD)
Table 47. Asia Pacific Recombinant Protein Vaccine Sales by Region (2020-2025) & (K MT)
Table 48. Asia Pacific Recombinant Protein Vaccine Market Size by Region (2020-2025) & (M USD)
Table 49. South America Recombinant Protein Vaccine Sales by Country (2020-2025) & (K MT)

Table 50. South America Recombinant Protein Vaccine Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa Recombinant Protein Vaccine Sales by Region (2020-2025) & (K MT)

Table 52. Middle East and Africa Recombinant Protein Vaccine Market Size by Region (2020-2025) & (M USD)

Table 53. Global Recombinant Protein Vaccine Production (K MT) by Region(2020-2025)

Table 54. Global Recombinant Protein Vaccine Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Recombinant Protein Vaccine Revenue Market Share by Region (2020-2025)

Table 56. Global Recombinant Protein Vaccine Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 57. North America Recombinant Protein Vaccine Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 58. Europe Recombinant Protein Vaccine Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 59. Japan Recombinant Protein Vaccine Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 60. China Recombinant Protein Vaccine Production (K MT), Revenue (US\$ Million), Price (USD/KG) and Gross Margin (2020-2025)

Table 61. Merck Basic Information

Table 62. Merck Recombinant Protein Vaccine Product Overview

Table 63. Merck Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 64. Merck Business Overview

Table 65. Merck SWOT Analysis

Table 66. Merck Recent Developments

Table 67. GSK Basic Information

Table 68. GSK Recombinant Protein Vaccine Product Overview

Table 69. GSK Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 70. GSK Business Overview

Table 71. GSK SWOT Analysis

Table 72. GSK Recent Developments

Table 73. Sanofi Basic Information

Table 74. Sanofi Recombinant Protein Vaccine Product Overview

Table 75. Sanofi Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price

(USD/KG) and Gross Margin (2020-2025)

Table 76. Sanofi Business Overview

Table 77. Sanofi SWOT Analysis

Table 78. Sanofi Recent Developments

Table 79. Zoties Basic Information

Table 80. Zoties Recombinant Protein Vaccine Product Overview

Table 81. Zoties Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 82. Zoties Business Overview

Table 83. Zoties Recent Developments

Table 84. Elanco Basic Information

Table 85. Elanco Recombinant Protein Vaccine Product Overview

Table 86. Elanco Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 87. Elanco Business Overview

Table 88. Elanco Recent Developments

Table 89. Boehringer-Ingelheim Basic Information

Table 90. Boehringer-Ingelheim Recombinant Protein Vaccine Product Overview

Table 91. Boehringer-Ingelheim Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 92. Boehringer-Ingelheim Business Overview

Table 93. Boehringer-Ingelheim Recent Developments

Table 94. Indian Immunologicals Basic Information

Table 95. Indian Immunologicals Recombinant Protein Vaccine Product Overview

Table 96. Indian Immunologicals Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 97. Indian Immunologicals Business Overview

Table 98. Indian Immunologicals Recent Developments

Table 99. Plumblin Life Sciences Basic Information

Table 100. Plumblin Life Sciences Recombinant Protein Vaccine Product Overview

Table 101. Plumblin Life Sciences Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 102. Plumblin Life Sciences Business Overview

Table 103. Plumblin Life Sciences Recent Developments

Table 104. Novavax Basic Information

Table 105. Novavax Recombinant Protein Vaccine Product Overview

Table 106. Novavax Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)

Table 107. Novavax Business Overview

Table 108. Novavax Recent Developments
Table 109. Medicago Basic Information
Table 110. Medicago Recombinant Protein Vaccine Product Overview
Table 111. Medicago Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 112. Medicago Business Overview
Table 113. Medicago Recent Developments
Table 114. Pukang Biologic Technology Basic Information
Table 115. Pukang Biologic Technology Recombinant Protein Vaccine Product Overview
Table 116. Pukang Biologic Technology Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 117. Pukang Biologic Technology Business Overview
Table 118. Pukang Biologic Technology Recent Developments
Table 119. Johnson and Johnson Basic Information
Table 120. Johnson and Johnson Recombinant Protein Vaccine Product Overview
Table 121. Johnson and Johnson Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 122. Johnson and Johnson Business Overview
Table 123. Johnson and Johnson Recent Developments
Table 124. Clover Biopharmaceuticals Basic Information
Table 125. Clover Biopharmaceuticals Recombinant Protein Vaccine Product Overview
Table 126. Clover Biopharmaceuticals Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 127. Clover Biopharmaceuticals Business Overview
Table 128. Clover Biopharmaceuticals Recent Developments
Table 129. Suzhou Yuzhibo Biotechnology Basic Information
Table 130. Suzhou Yuzhibo Biotechnology Recombinant Protein Vaccine Product Overview
Table 131. Suzhou Yuzhibo Biotechnology Recombinant Protein Vaccine Sales (K MT), Revenue (M USD), Price (USD/KG) and Gross Margin (2020-2025)
Table 132. Suzhou Yuzhibo Biotechnology Business Overview
Table 133. Suzhou Yuzhibo Biotechnology Recent Developments
Table 134. Global Recombinant Protein Vaccine Sales Forecast by Region (2026-2033) & (K MT)
Table 135. Global Recombinant Protein Vaccine Market Size Forecast by Region (2026-2033) & (M USD)
Table 136. North America Recombinant Protein Vaccine Sales Forecast by Country (2026-2033) & (K MT)

Table 137. North America Recombinant Protein Vaccine Market Size Forecast by Country (2026-2033) & (M USD)

Table 138. Europe Recombinant Protein Vaccine Sales Forecast by Country (2026-2033) & (K MT)

Table 139. Europe Recombinant Protein Vaccine Market Size Forecast by Country (2026-2033) & (M USD)

Table 140. Asia Pacific Recombinant Protein Vaccine Sales Forecast by Region (2026-2033) & (K MT)

Table 141. Asia Pacific Recombinant Protein Vaccine Market Size Forecast by Region (2026-2033) & (M USD)

Table 142. South America Recombinant Protein Vaccine Sales Forecast by Country (2026-2033) & (K MT)

Table 143. South America Recombinant Protein Vaccine Market Size Forecast by Country (2026-2033) & (M USD)

Table 144. Middle East and Africa Recombinant Protein Vaccine Sales Forecast by Country (2026-2033) & (Units)

Table 145. Middle East and Africa Recombinant Protein Vaccine Market Size Forecast by Country (2026-2033) & (M USD)

Table 146. Global Recombinant Protein Vaccine Sales Forecast by Type (2026-2033) & (K MT)

Table 147. Global Recombinant Protein Vaccine Market Size Forecast by Type (2026-2033) & (M USD)

Table 148. Global Recombinant Protein Vaccine Price Forecast by Type (2026-2033) & (USD/KG)

Table 149. Global Recombinant Protein Vaccine Sales (K MT) Forecast by Application (2026-2033)

Table 150. Global Recombinant Protein Vaccine Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Recombinant Protein Vaccine
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Recombinant Protein Vaccine Market Size (M USD), 2024-2033
- Figure 5. Global Recombinant Protein Vaccine Market Size (M USD) (2020-2033)
- Figure 6. Global Recombinant Protein Vaccine Sales (K MT) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Recombinant Protein Vaccine Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Recombinant Protein Vaccine Product Life Cycle
- Figure 13. Recombinant Protein Vaccine Sales Share by Manufacturers in 2024
- Figure 14. Global Recombinant Protein Vaccine Revenue Share by Manufacturers in 2024
- Figure 15. Recombinant Protein Vaccine Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Recombinant Protein Vaccine Average Price (USD/KG) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Recombinant Protein Vaccine Revenue in 2024
- Figure 18. Industry Chain Map of Recombinant Protein Vaccine
- Figure 19. Global Recombinant Protein Vaccine Market PEST Analysis
- Figure 20. Global Recombinant Protein Vaccine Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Recombinant Protein Vaccine Market Share by Type
- Figure 27. Sales Market Share of Recombinant Protein Vaccine by Type (2020-2025)
- Figure 28. Sales Market Share of Recombinant Protein Vaccine by Type in 2024
- Figure 29. Market Size Share of Recombinant Protein Vaccine by Type (2020-2025)
- Figure 30. Market Size Share of Recombinant Protein Vaccine by Type in 2024
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Recombinant Protein Vaccine Market Share by Application

Figure 33. Global Recombinant Protein Vaccine Sales Market Share by Application (2020-2025)

Figure 34. Global Recombinant Protein Vaccine Sales Market Share by Application in 2024

Figure 35. Global Recombinant Protein Vaccine Market Share by Application (2020-2025)

Figure 36. Global Recombinant Protein Vaccine Market Share by Application in 2024

Figure 37. Global Recombinant Protein Vaccine Sales Growth Rate by Application (2020-2025)

Figure 38. Global Recombinant Protein Vaccine Sales Market Share by Region (2020-2025)

Figure 39. Global Recombinant Protein Vaccine Market Size Market Share by Region (2020-2025)

Figure 40. North America Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 41. North America Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 42. North America Recombinant Protein Vaccine Sales Market Share by Country in 2024

Figure 43. North America Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Recombinant Protein Vaccine Market Size Market Share by Country in 2024

Figure 45. U.S. Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 46. U.S. Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Recombinant Protein Vaccine Sales (K MT) and Growth Rate (2020-2025)

Figure 48. Canada Recombinant Protein Vaccine Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Recombinant Protein Vaccine Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Recombinant Protein Vaccine Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 52. Europe Recombinant Protein Vaccine Sales Market Share by Country in

2024

Figure 53. Europe Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Recombinant Protein Vaccine Market Size Market Share by Country in 2024

Figure 55. Germany Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 56. Germany Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 58. France Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 60. U.K. Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 62. Italy Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 64. Spain Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Recombinant Protein Vaccine Sales and Growth Rate (K MT)

Figure 66. Asia Pacific Recombinant Protein Vaccine Sales Market Share by Region in 2024

Figure 67. Asia Pacific Recombinant Protein Vaccine Market Size Market Share by Region in 2024

Figure 68. China Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 69. China Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 71. Japan Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Recombinant Protein Vaccine Sales and Growth Rate

(2020-2025) & (K MT)

Figure 73. South Korea Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 75. India Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 77. Southeast Asia Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Recombinant Protein Vaccine Sales and Growth Rate (K MT)

Figure 79. South America Recombinant Protein Vaccine Sales Market Share by Country in 2024

Figure 80. South America Recombinant Protein Vaccine Market Size and Growth Rate (M USD)

Figure 81. South America Recombinant Protein Vaccine Market Size Market Share by Country in 2024

Figure 82. Brazil Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 83. Brazil Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 85. Argentina Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 87. Columbia Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Recombinant Protein Vaccine Sales and Growth Rate (K MT)

Figure 89. Middle East and Africa Recombinant Protein Vaccine Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Recombinant Protein Vaccine Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Recombinant Protein Vaccine Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia Recombinant Protein Vaccine Sales and Growth Rate

(2020-2025) & (K MT)

Figure 93. Saudi Arabia Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 95. UAE Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 97. Egypt Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 99. Nigeria Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Recombinant Protein Vaccine Sales and Growth Rate (2020-2025) & (K MT)

Figure 101. South Africa Recombinant Protein Vaccine Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Recombinant Protein Vaccine Production Market Share by Region (2020-2025)

Figure 103. North America Recombinant Protein Vaccine Production (K MT) Growth Rate (2020-2025)

Figure 104. Europe Recombinant Protein Vaccine Production (K MT) Growth Rate (2020-2025)

Figure 105. Japan Recombinant Protein Vaccine Production (K MT) Growth Rate (2020-2025)

Figure 106. China Recombinant Protein Vaccine Production (K MT) Growth Rate (2020-2025)

Figure 107. Global Recombinant Protein Vaccine Sales Forecast by Volume (2020-2033) & (K MT)

Figure 108. Global Recombinant Protein Vaccine Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Recombinant Protein Vaccine Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Recombinant Protein Vaccine Market Share Forecast by Type (2026-2033)

Figure 111. Global Recombinant Protein Vaccine Sales Forecast by Application (2026-2033)

Figure 112. Global Recombinant Protein Vaccine Market Share Forecast by Application (2026-2033)

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