

# **Global Recombinant Proteins Market Size study, By Product (Antibodies, Hormones, Growth Factors, Enzyme, Cytokines, Others), By Application (Drug Discovery & Development, Biopharmaceutical Production, Biotechnology Research, Academic Research Studies, Other Applications), By End User (Pharmaceutical & Biopharmaceutical Companies, Biotechnology Companies, Academic Research Institutes, Contract Research Organizations, Other End Users), and Regional Forecasts 2022-2028**

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## **Abstracts**

Global Recombinant Proteins Market is valued approximately USD 910 million in 2021 and is anticipated to grow with a healthy growth rate of more than 9.8% over the forecast period 2022-2028.

Recombinant proteins are the new amalgamation of genes that are primarily used to generate DNA. Recombinant DNA technology helps in the production of wild-type and modified human, mammalian proteins in bulk quantities. Recombinant protein formation needs a special method known as recombinant DNA (rDNA) technology. This protein is used for the development of new therapies for severe chronic diseases like cancer and other rare diseases. The increasing government funding and rising investment for R&D activities in pharmaceutical & biotechnology companies, and increasing incidences of chronic & infectious diseases are the primary factors that may augment the market demand across the globe. In addition, rising inclination toward biologics and biosimilars, technological developments in recombinant products, coupled with the increasing

collaborations of the industry-academia are further chief driving factors for the market growth in the approaching years. For instance, in 2019, Thermo Fisher Scientific, Inc. collaborated with the Biopharmaceutical Analysis Training Laboratory (BATL) of Northeastern University. The aim of this collaboration is to develop analytical capabilities and to introduce novel innovations in the biopharmaceutical industry especially in applications like monoclonal antibodies, personalized medicine, and gene & cell therapies. Similarly, in 2020, Bio-Techne Corporation partnered with Elpiscience BioPharma with the objective of advancing anticancer therapeutics. This allows Elpiscience to access over Bio-Techne's antibodies portfolio for developing the company's preclinical, clinical, and commercial biopharmaceuticals. However, expensive and time-consuming production processes and safety concerns associated with recombinant proteins impede the growth of the market over the forecast period of 2022-2028. Also, the growing focus on personalized medicine and protein therapeutics and increasing expenditure on research and development activities are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the global Recombinant Proteins Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the availability of favorable government funding and the increasing presence of major companies across the region. Whereas, Asia-Pacific is also anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as growing incidences of chronic & infectious diseases, as well as increasing spending on the R&D activities, would create lucrative growth prospects for the Recombinant Proteins Market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific, Inc.  
Miltenyi Biotech  
Sino Biological Inc.  
Bio-Rad Laboratories, Inc.  
Enzo Life Sciences, Inc.  
BPS Bioscience, Inc.  
Stemcell Technologies Inc  
RayBiotech Inc  
Richcore Lifesciences Pvt Ltd  
United States Biological

The objective of the study is to define market sizes of different segments & countries in

recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

#### By Product

Antibodies

Hormones

Growth Factors

Enzyme

Cytokines

Others

#### By Application

Drug Discovery & Development

Biopharmaceutical Production

Biotechnology Research

Academic Research Studies

Other Applications

#### By End User

Pharmaceutical & Biopharmaceutical Companies

Biotechnology Companies

Academic Research Institutes

Contract Research Organizations

Other End Users

#### By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific  
China  
India  
Japan  
Australia  
South Korea  
RoAPAC  
Latin America  
Brazil  
Mexico  
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020  
Base year – 2021  
Forecast period – 2022 to 2028

Target Audience of the Global Recombinant Proteins Market in Market Study:

Key Consulting Companies & Advisors  
Large, medium-sized, and small enterprises  
Venture capitalists  
Value-Added Resellers (VARs)  
Third-party knowledge providers  
Investment bankers  
Investors

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Million)
  - 1.2.1. Global Recombinant Proteins Market, by Region, 2020-2028 (USD Million)
  - 1.2.2. Global Recombinant Proteins Market, by Product, 2020-2028 (USD Million)
  - 1.2.3. Global Recombinant Proteins Market, by Application, 2020-2028 (USD Million)
  - 1.2.4. Global Recombinant Proteins Market, by End User, 2020-2028 (USD Million)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL RECOMBINANT PROTEINS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL RECOMBINANT PROTEINS MARKET DYNAMICS

- 3.1. Recombinant Proteins Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Rising inclination toward biologics and biosimilars
    - 3.1.1.2. Increasing prevalence of chronic & infectious diseases
  - 3.1.2. Market Challenges
    - 3.1.2.1. Expensive and time-consuming production process
    - 3.1.2.2. Safety concern associated with recombinant proteins
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Growing focus on personalized medicine and protein therapeutics
    - 3.1.3.2. Increasing expenditure on research and development activities

### CHAPTER 4. GLOBAL RECOMBINANT PROTEINS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2019-2028)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 market scenario

## **CHAPTER 6. GLOBAL RECOMBINANT PROTEINS MARKET, BY PRODUCT**

- 6.1. Market Snapshot
- 6.2. Global Recombinant Proteins Market by Product, Performance - Potential Analysis
- 6.3. Global Recombinant Proteins Market Estimates & Forecasts by Product 2019-2028 (USD Million)
- 6.4. Recombinant Proteins Market, Sub Segment Analysis
  - 6.4.1. Antibodies
  - 6.4.2. Hormones
  - 6.4.3. Growth Factors
  - 6.4.4. Enzyme
  - 6.4.5. Cytokines
  - 6.4.6. Others

## **CHAPTER 7. GLOBAL RECOMBINANT PROTEINS MARKET, BY APPLICATION**

- 7.1. Market Snapshot

7.2. Global Recombinant Proteins Market by Application, Performance - Potential Analysis

7.3. Global Recombinant Proteins Market Estimates & Forecasts by Application 2019-2028 (USD Million)

7.4. Recombinant Proteins Market, Sub Segment Analysis

7.4.1. Drug Discovery & Development

7.4.2. Biopharmaceutical Production

7.4.3. Biotechnology Research

7.4.4. Academic Research Studies

7.4.5. Other Applications

## **CHAPTER 8. GLOBAL RECOMBINANT PROTEINS MARKET, BY END USER**

8.1. Market Snapshot

8.2. Global Recombinant Proteins Market by End User, Performance - Potential Analysis

8.3. Global Recombinant Proteins Market Estimates & Forecasts by End User 2019-2028 (USD Million)

8.4. Recombinant Proteins Market, Sub Segment Analysis

8.4.1. Pharmaceutical & Biopharmaceutical Companies

8.4.2. Biotechnology Companies

8.4.3. Academic Research Institutes

8.4.4. Contract Research Organizations

8.4.5. Other End Users

## **CHAPTER 9. GLOBAL RECOMBINANT PROTEINS MARKET, REGIONAL ANALYSIS**

9.1. Recombinant Proteins Market, Regional Market Snapshot

9.2. North America Recombinant Proteins Market

9.2.1. U.S. Recombinant Proteins Market

9.2.1.1. Product estimates & forecasts, 2019-2028

9.2.1.2. Application estimates & forecasts, 2019-2028

9.2.1.3. End User estimates & forecasts, 2019-2028

9.2.2. Canada Recombinant Proteins Market

9.3. Europe Recombinant Proteins Market Snapshot

9.3.1. U.K. Recombinant Proteins Market

9.3.2. Germany Recombinant Proteins Market

9.3.3. France Recombinant Proteins Market

- 9.3.4. Spain Recombinant Proteins Market
- 9.3.5. Italy Recombinant Proteins Market
- 9.3.6. Rest of Europe Recombinant Proteins Market
- 9.4. Asia-Pacific Recombinant Proteins Market Snapshot
  - 9.4.1. China Recombinant Proteins Market
  - 9.4.2. India Recombinant Proteins Market
  - 9.4.3. Japan Recombinant Proteins Market
  - 9.4.4. Australia Recombinant Proteins Market
  - 9.4.5. South Korea Recombinant Proteins Market
  - 9.4.6. Rest of Asia Pacific Recombinant Proteins Market
- 9.5. Latin America Recombinant Proteins Market Snapshot
  - 9.5.1. Brazil Recombinant Proteins Market
  - 9.5.2. Mexico Recombinant Proteins Market
- 9.6. Rest of The World Recombinant Proteins Market

## **CHAPTER 10. COMPETITIVE INTELLIGENCE**

- 10.1. Top Market Strategies
- 10.2. Company Profiles
  - 10.2.1. Thermo Fisher Scientific, Inc.
    - 10.2.1.1. Key Information
    - 10.2.1.2. Overview
    - 10.2.1.3. Financial (Subject to Data Availability)
    - 10.2.1.4. Product Summary
    - 10.2.1.5. Recent Developments
  - 10.2.2. Miltenyi Biotech
  - 10.2.3. Sino Biological Inc.
  - 10.2.4. Bio-Rad Laboratories, Inc.
  - 10.2.5. Enzo Life Sciences, Inc.
  - 10.2.6. BPS Bioscience, Inc.
  - 10.2.7. Stemcell Technologies Inc
  - 10.2.8. RayBiotech Inc
  - 10.2.9. Richcore Lifesciences Pvt Ltd
  - 10.2.10. United States Biological

## **CHAPTER 11. RESEARCH PROCESS**

- 11.1. Research Process
  - 11.1.1. Data Mining



- 11.1.2. Analysis
- 11.1.3. Market Estimation
- 11.1.4. Validation
- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Recombinant Proteins Market, report scope

TABLE 2. Global Recombinant Proteins Market estimates & forecasts by Region  
2019-2028 (USD Million)

TABLE 3. Global Recombinant Proteins Market estimates & forecasts by Product  
2019-2028 (USD Million)

TABLE 4. Global Recombinant Proteins Market estimates & forecasts by Application  
2019-2028 (USD Million)

TABLE 5. Global Recombinant Proteins Market estimates & forecasts by End User  
2019-2028 (USD Million)

TABLE 6. Global Recombinant Proteins Market by segment, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 7. Global Recombinant Proteins Market by region, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 8. Global Recombinant Proteins Market by segment, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 9. Global Recombinant Proteins Market by region, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 10. Global Recombinant Proteins Market by segment, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 11. Global Recombinant Proteins Market by region, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 12. Global Recombinant Proteins Market by segment, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 13. Global Recombinant Proteins Market by region, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 14. Global Recombinant Proteins Market by segment, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 15. Global Recombinant Proteins Market by region, estimates & forecasts,  
2019-2028 (USD Million)

TABLE 16. U.S. Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD  
Million)

TABLE 17. U.S. Recombinant Proteins Market estimates & forecasts by segment  
2019-2028 (USD Million)

TABLE 18. U.S. Recombinant Proteins Market estimates & forecasts by segment  
2019-2028 (USD Million)

TABLE 19. Canada Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 20. Canada Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 21. Canada Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 22. UK Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 23. UK Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 24. UK Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 25. Germany Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 26. Germany Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 27. Germany Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 28. RoE Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 29. RoE Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 30. RoE Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 31. China Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 32. China Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 33. China Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 34. India Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 35. India Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 36. India Recombinant Proteins Market estimates & forecasts by segment 2019-2028 (USD Million)

TABLE 37. Japan Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD Million)

TABLE 38. Japan Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 39. Japan Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 40. RoAPAC Recombinant Proteins Market estimates & forecasts, 2019-2028

(USD Million)

TABLE 41. RoAPAC Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 42. RoAPAC Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 43. Brazil Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD

Million)

TABLE 44. Brazil Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 45. Brazil Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 46. Mexico Recombinant Proteins Market estimates & forecasts, 2019-2028

(USD Million)

TABLE 47. Mexico Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 48. Mexico Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 49. RoLA Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD

Million)

TABLE 50. RoLA Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 51. RoLA Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 52. Row Recombinant Proteins Market estimates & forecasts, 2019-2028 (USD

Million)

TABLE 53. Row Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 54. Row Recombinant Proteins Market estimates & forecasts by segment

2019-2028 (USD Million)

TABLE 55. List of secondary sources, used in the study of global Recombinant Proteins Market

TABLE 56. List of primary sources, used in the study of global Recombinant Proteins Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered



## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Recombinant Proteins Market, research methodology
- FIG 2. Global Recombinant Proteins Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Recombinant Proteins Market, key trends 2021
- FIG 5. Global Recombinant Proteins Market, growth prospects 2022-2028
- FIG 6. Global Recombinant Proteins Market, porters 5 force model
- FIG 7. Global Recombinant Proteins Market, pest analysis
- FIG 8. Global Recombinant Proteins Market, value chain analysis
- FIG 9. Global Recombinant Proteins Market by segment, 2019 & 2028 (USD Million)
- FIG 10. Global Recombinant Proteins Market by segment, 2019 & 2028 (USD Million)
- FIG 11. Global Recombinant Proteins Market by segment, 2019 & 2028 (USD Million)
- FIG 12. Global Recombinant Proteins Market by segment, 2019 & 2028 (USD Million)
- FIG 13. Global Recombinant Proteins Market by segment, 2019 & 2028 (USD Million)
- FIG 14. Global Recombinant Proteins Market, regional snapshot 2019 & 2028
- FIG 15. North America Recombinant Proteins Market 2019 & 2028 (USD Million)
- FIG 16. Europe Recombinant Proteins Market 2019 & 2028 (USD Million)
- FIG 17. Asia pacific Market 2019 & 2028 (USD Million)
- FIG 18. Latin America Recombinant Proteins Market 2019 & 2028 (USD Million)
- FIG 19. Global Recombinant Proteins Market, company Market share analysis (2021)

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