

Recombinant Proteins Market Size, Trends, Analysis, and Outlook By Product (Growth Factors and Chemokines, Immune Response Proteins, Structural Proteins, Membrane Proteins, Kinase Proteins, Regulatory Proteins, Recombinant Metabolic Enzymes, Adhesion Molecules and Receptors, Others), By Application (Drug Discovery & Development, Biopharmaceutical Production, Research, Diagnostics, Others), By Host cell, Mammalian Systems, Insect Cells, Yeast & Fungi, Bacterial Cells, Others), by Country, Segment, and Companies, 2024-2032

<https://marketpublishers.com/r/R8028328FF5DEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: R8028328FF5DEN

Abstracts

The global Recombinant Proteins market size is poised to register 11.1% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Recombinant Proteins market across By Product (Growth Factors and Chemokines, Immune Response Proteins, Structural Proteins, Membrane Proteins, Kinase Proteins, Regulatory Proteins, Recombinant Metabolic Enzymes, Adhesion Molecules and Receptors, Others), By Application (Drug Discovery & Development, Biopharmaceutical Production, Research, Diagnostics, Others), By Host cell, Mammalian Systems, Insect Cells, Yeast & Fungi, Bacterial Cells, Others)

In the Recombinant Proteins market, the increasing demand for biopharmaceuticals,

vaccines, and research reagents is driving market growth. Recombinant proteins play a crucial role in various biomedical applications, including therapeutic protein production, diagnostic assay development, and protein engineering. With the growing prevalence of chronic diseases and the need for personalized medicine, there is a rising need for recombinant proteins that offer high purity, activity, and stability. Further, advancements in protein expression systems, purification techniques, and bioprocessing technologies are driving market growth by enabling scalable and cost-effective production of recombinant proteins. By 2030, the market is expected to witness further expansion, fueled by the increasing adoption of biologics and the development of novel protein-based therapies and diagnostics.

Recombinant Proteins Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Recombinant Proteins market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Recombinant Proteins survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Recombinant Proteins industry.

Key market trends defining the global Recombinant Proteins demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

Recombinant Proteins Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Recombinant Proteins industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Recombinant Proteins companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Recombinant Proteins industry

Leading Recombinant Proteins companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Recombinant Proteins companies.

Recombinant Proteins Market Study- Strategic Analysis Review

The Recombinant Proteins market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

Strategic Insights: Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Recombinant Proteins Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Recombinant Proteins industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three case scenarios- low case, reference case, and high case scenarios.

Recombinant Proteins Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2032.

North America Recombinant Proteins Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Recombinant Proteins market segments. Similarly, Strong market demand is encouraging Canadian Recombinant Proteins companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Recombinant Proteins market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Recombinant Proteins Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Recombinant Proteins industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Recombinant Proteins market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Recombinant Proteins Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Recombinant Proteins in Asia Pacific. In particular, China, India, and South East Asian Recombinant Proteins markets present a compelling outlook for 2032, acting as a magnet for both domestic

and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Recombinant Proteins Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Recombinant Proteins Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Recombinant Proteins market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Recombinant Proteins.

Recombinant Proteins Market Company Profiles

The global Recombinant Proteins market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Abcam plc, Abnova Corp, ACROBiosystems Group, Aviva Systems Biology Corp, BioLegend Inc, Bio-Rad Laboratories Inc, Bio-Techne Corp, BPS Bioscience Inc, Enzo Biochem Inc, GenScript Corp, Icosagen O?, Laurus Labs Ltd, Merck KGaA, Miltenyi Biotec GmbH & Co. KG, Neuromics Corp, ProSpec-Tany TechnoGene Ltd, Proteintech Group Inc, ProteoGenix SAS, RayBiotech Inc, Sartorius CellGenix GmbH, Sino Biological Inc, STEMCELL Technologies Inc, StressMarq Biosciences Inc, Thermo Fisher Scientific Inc, United States Biological Corp.

Recent Recombinant Proteins Market Developments

The global Recombinant Proteins market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Recombinant Proteins Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Growth Factors and Chemokines

-Interferons (IFNs)

-Interleukins (ILs)

-Others

Immune Response Proteins

Structural Proteins

Membrane Proteins

Kinase Proteins

Regulatory Proteins

Recombinant Metabolic Enzymes

Adhesion Molecules and Receptors

Others

By Application

Drug Discovery & Development

-Biologics

-Vaccines

-Cell & Gene Therapy

Biopharmaceutical Production

Research

-Academic Research

-Biotechnology Research

Diagnostics

Others

By Host cell

Mammalian Systems

Insect Cells

Yeast & Fungi

Bacterial Cells

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Abcam plc

Abnova Corp

ACROBiosystems Group

Aviva Systems Biology Corp

BioLegend Inc

Bio-Rad Laboratories Inc

Bio-Techne Corp

BPS Bioscience Inc

Enzo Biochem Inc

GenScript Corp

Icosagen O?

Laurus Labs Ltd

Merck KGaA

Miltenyi Biotec GmbH & Co. KG

Neuromics Corp

ProSpec-Tany TechnoGene Ltd

Proteintech Group Inc

ProteoGenix SAS

RayBiotech Inc

Sartorius CellGenix GmbH

Sino Biological Inc

STEMCELL Technologies Inc

StressMarq Biosciences Inc

Thermo Fisher Scientific Inc

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- Recombinant Metabolic Enzymes
- Adhesion Molecules and Receptors
- Others
- By Application
- Drug Discovery & Development
- Biologics
- Vaccines
- Cell & Gene Therapy
- Biopharmaceutical Production
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Abcam plc

Abnova Corp

ACROBiosystems Group

Aviva Systems Biology Corp

BioLegend Inc

Bio-Rad Laboratories Inc

Bio-Techne Corp

BPS Bioscience Inc

Enzo Biochem Inc
GenScript Corp
Icosagen O?
Laurus Labs Ltd
Merck KGaA
Miltenyi Biotec GmbH & Co. KG
Neuromics Corp
ProSpec-Tany TechnoGene Ltd
Proteintech Group Inc
ProteoGenix SAS
RayBiotech Inc
Sartorius CellGenix GmbH
Sino Biological Inc
STEMCELL Technologies Inc
StressMarq Biosciences Inc
Thermo Fisher Scientific Inc
United States Biological Corp.

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