

Recombinant Proteins Market by Product (Growth Factors, Chemokines, Structural Proteins, Membrane Proteins), Application (Drug Discovery & Development (Biologics, Vaccines, Cell & Gene Therapy), Research, Biopharma Production) & Region - Global Forecast to 2028

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Abstracts

The global recombinant proteins market size is projected to reach USD 3.2 billion by 2028 from USD 2.2 billion in 2023, at a CAGR of 7.2% during the forecast period. Factors such as rising demand for biologics & biosimilars due to patent expiry, increasing prevalence of chronic diseases, increased government support for life sciences research & development and growing preference for personalized medicine..

“The growth factors and chemokines segment held the dominant share in the recombinant proteins market”

Based on product, the global recombinant proteins market is segmented into growth factors and chemokines, kinase proteins, membrane proteins, immune response proteins, structural proteins, regulatory proteins, recombinant metabolic enzymes, adhesion molecules and receptors, and other recombinant proteins. The growth factors and chemokines segment is further segmented into interferons, interleukins and other growth factor & chemokines. The growth factors and chemokines segment is anticipated to grow at significant CAGR due to their application in cell culture, protein expression, and modulation of cellular responses.

“Drug discovery & development segment accounted for the largest share of the application segment in 2022.”

Based on application, the recombinant proteins market is segmented into, drug discovery and development, biopharmaceutical production, research, diagnostics, and other applications. In 2022, the drug discovery and development segment accounted for the largest share of the recombinant proteins market. The segment held the largest share in the market due to application of recombinant proteins in developing biopharmaceuticals and understanding the functions of potential drug targets.

“Asia Pacific region is likely to grow at a faster pace in the recombinant proteins market.”

The recombinant proteins market region is segmented into North America, Europe, Asia Pacific, Latin America, Middle East and the Africa. Asia Pacific region is anticipated to grow at a significant CAGR during the forecast period. The growth of the region is majorly driven by increasing demand for protein based drugs, rising government funding for recombinant proteins production and development of biotechnology-based drugs.

The primary interviews conducted for this report can be categorized as follows:

By Respondent: Supply Side- 70%, and Demand Side - 30%

By Designation (Supply Side): Managers - 45%, CXOs & Directors - 30%, Executives- 25%

By Region: North America: 40%, Europe: 25%, Asia Pacific: 20%, Latin America: 10%, and the Middle East and Africa: 5%

List of Companies Profiled in the Report:

Bio-Techne (US)

Thermo Fisher Scientific Inc. (US)

Merck KGaA (Germany)

Abcam plc (UK)

Abnova Corporation (Taiwan)

Biolegend Inc (US)

Bio-Rad Laboratories Inc. (US)

BPS Bioscienc Inc (US)

Enzo Biochem, Inc. (US)

GenScript (China)

Miltenyi Biotec B.V. & Co. KG (Germany)

Proteintech Group, Inc. (US)

Sino Biological Inc. (China)

ACROBiosystems Group (US)

Aviva Systems Biology Corporation (US)

Sartorius CellGenix GmbH (Germany)

Icosagen (Estonia)

Neuromics (US)

ProSpec-Tany Technogene Ltd. (Israel)

ProteoGenix S.A.S (France)

RayBiotech Inc (US)

Laurus Bio (India)

Stemcell Technologies (Canada)

StressMarq Biosciences Inc. (Canada)

United States Biological (US)

Research Coverage:

This report provides a detailed picture of the recombinant proteins market. It aims at estimating the size and future growth potential of the market across different segments such as the product, application, end-user and region. The report also includes an in-depth competitive analysis of the key market players along with their company profiles recent developments and key market strategies.

Key Benefits of Buying the Report:

The report will help market leaders/new entrants by providing them with the closest approximations of the revenue numbers for the overall recombinant proteins market and its subsegments. It will also help stakeholders better understand the competitive landscape and gain more insights to better position their business and make suitable go-to-market strategies. This report will enable stakeholders to understand the market's pulse and provide them with information on the key market drivers, restraints, opportunities, and challenges.

The report provides insights on the following pointers:

Analysis of key drivers (rising incidence of chronic diseases, unleashing innovation in biologics and biosimilars with patent expiry, increasing government support for R&D in life sciences, growing preference for personalized medicine), restraints (high production costs, stringent regulatory approval processes), opportunities (advancements in gene editing technologies, high growth potential of emerging markets, emergence of novel expression systems) and challenges (challenges associated with delivery systems) are influencing the growth of recombinant proteins market.

Product Development/Innovation: Detailed insights on newly launched products of the recombinant proteins market.

Market Development: Comprehensive information about lucrative markets – the report analyses the recombinant proteins market across varied regions.

Market Diversification: Exhaustive information about new products, untapped

geographies, recent developments, and investments in the recombinant proteins market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players include Bio-Techne (US), Thermo Fisher Scientific Inc. (US), Merck KGaA (Germany), Abcam plc (UK), Abnova Corporation (Taiwan), Biolegend Inc (US), Bio-Rad Laboratories Inc. (US), BPS Bioscienc Inc (US), Enzo Biochem Inc. (US) and GenScript (China).

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