

Protein Engineering Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the protein engineering market looks promising with opportunities in biopharmaceutical companies, contract research organizations, and academic research institutes. The global protein engineering market is expected to grow with a CAGR of 14%-18% from 2020 to 2025. The major drivers for this market are rise in investment in synthetic biology and increasing protein-based drug development by pharmaceutical & biotechnology companies.

A total of XX figures / charts and XX tables are provided in this more than 150-page report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global protein engineering market report, please download the report brochure.

In this market, instruments is the largest product & service segment of protein engineering, whereas biopharmaceutical companies is the largest end user. Growth in various segments of the protein engineering market are given below:

The study includes trends and forecast for the global protein engineering market by product & service, protein type, technology, end user, and region as follows:

By Product & Service [Value (\$ Million) shipment analysis for 2014 – 2025]:

Instruments

Consumables

Software & Services

By Protein Type [Value (\$ Million) shipment analysis for 2014 – 2025]:

Monoclonal Antibodies

Erythropoietin

Interferons

Vaccines

Colony-Stimulating Factors

Growth Hormones

Coagulation Factors

Other Proteins

By Technology [Value (\$ Million) shipment analysis for 2014 – 2025]:

Rational Protein Design

Irrational Protein Design

By End User [Value (\$ Million) shipment analysis for 2014 – 2025]:

Biopharmaceutical Companies

Contract Research Organizations

Academic Research Institutes

By Region [Value (\$ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

Spain

Germany

France

Asia Pacific

China

India

Japan

The Rest of the World

Brazil

Some of the protein engineering model companies profiled in this report include Bio-Rad Laboratories, Thermo Fisher Scientific, Agilent Technologies, Danaher, PerkinElmer, GE Healthcare Merck, and GenScript.

Lucintel forecasts that instruments will remain the largest product & service segment over the forecast period due to the extensive usage of new technologies and process

advancements in proteomic research and high preference for automated technology by researchers in order to facilitate a faster molecule development process.

Within this market, biopharmaceutical companies will remain the largest end user segment over the forecast period due to the wide use of protein engineering in drug discovery and development of models to develop a broad range of protein-based drugs.

North America will remain the largest region over the forecast period due to the presence of a large number of pharmaceutical and biotechnology companies & a well-established healthcare market, rising R&D expenditure, and the availability of the latest techniques & instruments for drug discovery research in the region.

Features of the Global Protein Engineering Market

Market Size Estimates: Global protein engineering market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global protein engineering market size by various segments, such as product & service, protein type, technology, and end user in terms of value.

Regional Analysis: Global protein engineering market breakdown by the North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different product & service, protein type, technology, end user, and region for the global protein engineering market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global protein engineering market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global protein engineering market by product & service (instruments, consumables, and software & services), protein type (monoclonal antibodies, erythropoietin, interferons, vaccines, colony-stimulating factors, growth hormones, coagulation factors, and other proteins), technology (rational protein design and irrational protein design), end user (biopharmaceutical companies, contract research organizations, and academic research institutes), and region (North America, Europe, Asia Pacific, and Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global protein engineering market?

Q.5 What are the business risks and threats to the global protein engineering market?

Q.6 What are the emerging trends in this protein engineering market and the reasons behind them?

Q.7 What are some changing demands of customers in this protein engineering market?

Q.8 What are the new developments in this protein engineering market? Which companies are leading these developments?

Q.9 Who are the major players in this protein engineering market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive product and processes in this protein engineering market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global protein engineering market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US \$ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Product & Service & Service (Instruments, Consumables, and Software & Services), Protein Type (Monoclonal Antibodies, Erythropoietin, Interferons, Vaccines, Colony-Stimulating Factors, Growth Hormones, Coagulation Factors, and Other Proteins), Technology (Rational Protein Design and Irrational Protein Design), and End User (Biopharmaceutical Companies, Contract Research Organizations, and Academic Research Institutes)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Spain, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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