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Protein Expression Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the protein expression market looks promising with opportunities in therapeutic, industrial, and research applications. The global protein expression market is expected to grow with a CAGR of 12%-14% from 2020 to 2025. The major drivers for this market are rise in geriatric population, increasing incidence of chronic diseases, and increasing demand for protein biologics.

A total of XX figures / charts and XX tables are provided in this more than 150-pages 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 expression market report, please download the report brochure.

In this market, reagents is the largest product and service of protein expression, whereas pharmaceutical and biotechnology companies is the largest application. Growth in various segments of the protein expression market are given below:

The study includes trends and forecast for the global protein expression market by system type, product and service, application, end user, and region as follows:

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

Prokaryotic Expression SystemsVagus Nerve Stimulation Escherichia coli Systems Other Systems Insect Cell Expression SystemsCHO Systems Other Systems Yeast Cell Expression SystemsKluyveromyces Lactis Systems Saccharomyces Systems Pichia Systems Other Systems Insect Cell Expression SystemsBaculovirus Expression

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Systems Other Systems Cell-free Expression SystemsAlgal-based Expression Systems

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

Reagents Expression Vectors Competent Cells Instruments Services

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

Therapeutic Applications Industrial Applications Research Applications

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

Pharmaceutical and Biotechnology Companies Academic Research Institutes Contract Research Organizations Other End Users

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

North AmericaUnited StatesCanada MexicoEuropeUnited KingdomSpainGermanyFranceAsia PacificChinaIndiaJapanThe Rest of the WorldBrazil

Some of the protein expression model companies profiled in this report include Thermo Fisher Scientific, Merck, GenScript Biotech, Agilent Technologies, Takara Bio, Bio-Rad Laboratories, and Lonza.

Lucintel forecasts that reagents will remain the largest product and service segment over the forecast period due to the wide application of reagents in applications, such as therapeutic, industrial, and research for biopharmaceutical manufacturing.

Within this market, pharmaceutical and biotechnological companies will remain the largest end user segment over the forecast period due to the rising demand for therapeutic proteins, such as insulin, growth hormone, and vaccines.

North America will remain the largest region over the forecast period due to the existance of a large number of pharmaceutical and biotechnology companies in the region, the presence of a well-established healthcare market, and increasing investment in new drug manufacturing.

Features of the Global Protein Expression Market

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Market Size Estimates: Global protein expression 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 expression market size by various segments, such as system type, product and service, application, and end user in terms of value.Regional Analysis: Global protein expression market breakdown by the North America, Europe, Asia Pacific, and Rest of the World.Growth Opportunities: Analysis of growth opportunities in different system type, product and service, application, end user, and region for the global protein expression market.Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global protein expression 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 expression market by system type (prokaryotic expression systems, insect cell expression systems, yeast cell expression systems, insect cell expression systems, cell-free expression systems, and algal-based expression systems), product and service (reagents, expression vectors, competent cells, instruments, and services), application (therapeutic, industrial, and research applications), end user (pharmaceutical and biotechnology companies, academic research institutes, contract research organizations, and other end users), 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 expression market?
Q.5 What are the business risks and threats to the global protein expression market?
Q.6 What are the emerging trends in this protein expression market and the reasons behind them?
Q.7 What are some changing demands of customers in this protein expression market?
Q.8 What are the new developments in this protein expression market? Which companies are leading these developments?
Q.9 Who are the major players in this protein expression market? What strategic initiatives are being implemented by key players for business growth?
Q.10 What are some of the competitive products and processes in this protein expression market, and how big of a threat do they pose for loss of market share via material or product substitution?

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Q.11 What M&A activities did take place in the last five years in the global protein expression 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 System Type (Prokaryotic Expression Systems, Insect Cell Expression Systems, Yeast Cell Expression Systems, Insect Cell Expression Systems, Cell-free Expression Systems, and Algal-based Expression Systems), Product and Service (Reagents, Expression Vectors, Competent Cells, Instruments, and Services), Application (Therapeutic, Industrial, and Research Applications), and End User (Pharmaceutical and Biotechnology Companies, Academic Research Institutes, Contract Research Organizations, and Other End Users)

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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