

Global Protein Engineering Market 2022-2028

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Abstracts

Protein engineering is the process by which a researcher modifies a protein sequence through substitution, insertion, or deletion of nucleotides in the encoding gene, with the goal of obtaining a modified protein that is more suitable for a particular application or purpose than the unmodified protein. According to Gen Consulting Company, the global protein engineering market size is expected to increase from USD 1,447 million in 2021 to USD 2,679 million by 2028, garnering a CAGR of 9.2% over the evaluated period.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global protein engineering market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the protein engineering industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, technology, application, end user, and region. The global market for protein engineering can be segmented by product: instruments, reagents, software & services. The reagents segment was the largest contributor to the global protein engineering market in 2021. Protein engineering market is further segmented by technology: directed evolution, rational protein design. According to the research, the rational protein design segment had the largest share in the global protein engineering market. Based on application, the protein engineering market is segmented into: coagulation factors, colony stimulating factors, growth factors, insulin, interferon, monoclonal antibodies, vaccines, others. On the basis of end user, the protein engineering market also can be divided into: academic & research institutes, contract research organizations (CROs), pharmaceutical & biopharmaceutical companies. Globally, the pharmaceutical & biopharmaceutical companies segment made up the largest share of the protein engineering market. Protein engineering market by region is categorized into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By product:

instruments

reagents

software & services

By technology:

directed evolution

rational protein design

By application:

coagulation factors

colony stimulating factors

growth factors

insulin

interferon

monoclonal antibodies

vaccines

others

By end user:

academic & research institutes

contract research organizations (CROs)

pharmaceutical & biopharmaceutical companies

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report also provides analysis of the key companies of the industry and their detailed company profiles including Agilent Technologies, Inc., Bio-Rad Laboratories Inc., Bruker Corporation, Danaher Corporation, GenScript Biotech Corporation, Merck KGaA, PerkinElmer Inc., Promega Corporation, Thermo Fisher Scientific Inc., Waters Corporation, among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global protein engineering market.

To classify and forecast the global protein engineering market based on product, technology, application, end user, region.

To identify drivers and challenges for the global protein engineering market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global protein engineering market.

To identify and analyze the profile of leading players operating in the global protein engineering market.

Why Choose This Report

Gain a reliable outlook of the global protein engineering market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Colony stimulating factors
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Insulin

Interferon
Monoclonal antibodies
Vaccines
Others

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Contract research organizations (CROs)
Pharmaceutical & biopharmaceutical companies

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Asia Pacific
Europe
North America
Rest of the World (RoW)

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Bio-Rad Laboratories Inc.
Bruker Corporation
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GenScript Biotech Corporation
Merck KGaA
PerkinElmer Inc.
Promega Corporation
Thermo Fisher Scientific Inc.
Waters Corporation

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