

Global Expression Vectors Market Size study, By Host Type (Bacterial Expression Vectors, Mammalian Expression Vectors, Insect Expression Vectors, Yeast Expression Vectors, Other Expression Vectors), By Application (Therapeutic Applications, Research Applications, Industrial Applications), By End User (Pharmaceutical and Biotechnology Companies, Contract Research Organizations (CROs) and Contract Manufacturing Organizations (CMOs), Academic Research Institutes, Other End Users), and Regional Forecasts 2022-2028

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Abstracts

Global Expression Vectors Market is valued approximately USD 334.54 million in 2021 and is anticipated to grow with a healthy growth rate of more than 5.5% over the forecast period 2022-2028.

An expression vector is also generally called as an expression construct that is a virus or plasmid planned for gene expression in cells. This vector is mainly used to introduce a particular gene into a target cell and can seize the cell's mechanism for protein synthesis to create the protein encoded by the gene. The growing demand for protein-based drugs, rising prevalence of lifestyle diseases, infectious diseases, and genetic disorders, technological developments, coupled with the increased funding for protein research are the primary factors that are fostering market growth across the globe. For instance, as per the national cancer institute, cancer is the leading cause of death

around the world. In 2018, there were 18.1 million new cases and 9.5 million cancer-related deaths occurred globally. Also, by 2040, the number of new cancer cases per year is likely to rise to 29.5 million and the number of cancer-related deaths to 16.4 million. Therefore, rising incidences of lifestyle diseases like cancer, cardiovascular diseases, diabetes, and many others are anticipated to bolster the demand for the expression vector, which, in turn, impels market growth. However, increasing competition among the market players and the high cost of protein therapy impede the growth of the market over the forecast period of 2022-2028. Also, rising investments in the R&D activities and development of the emerging market are anticipated to act as a catalyzing factor for the market demand during the forecast period.

The key regions considered for the Global Expression Vectors Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to rising investment by the public and private companies in biology research and emergence of the novel technologies in the region. Whereas, Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2022-2028. Factors such as the growing awareness for the availability of biologics and development of the healthcare infrastructure, and growth of the emerging economies such as India and China would create lucrative growth prospects for the Expression Vectors market across the Asia-Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific, Inc.

Promega Corporation

Sigma-Aldrich Corporation

Agilent Technologies Inc.

Bio-Rad Laboratories Inc.

New England Biolabs Inc.

Merck Millipore

QIAGEN N.V.

Clontech Laboratories, Inc.

ATUM

GenScript USA Inc.

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also

caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Host Type

Bacterial Expression Vectors

Mammalian Expression Vectors

Insect Expression Vectors

Yeast Expression Vectors

Other Expression Vectors

By Application

Therapeutic Applications

Research Applications

Industrial Applications

By End User

Pharmaceutical and Biotechnology Companies

Contract Research Organizations (CROs) and Contract Manufacturing Organizations (CMOs)

Academic Research Institutes

Other End Users

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Expression Vectors Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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