

# **Global CRISPR and cas genes Market Size study, by Product Type (Product, Services), Application (Biomedical, Agriculture) and Regional Forecasts 2021-2027.**

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## **Abstracts**

Global CRISPR and cas genes Market is valued approximately USD 1.5 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 21.7 % over the forecast period 2021-2027. CRISPR and cas genes is a technology that enables researchers to edit parts of the genome by removing, adding or altering sections of the DNA. The rising adoption in diverse fields of biotechnology, growing medicine market, technological advancements in CRISPR, investment in biotechnology are factors driving the market growth. As technological advancements in CRISPR/Cas9 system have revolutionized the area of cancer research and treatment, this has become the mainstream methodology used in many cancers biology studies. For instance, as per the Department of biotechnology in India 24 Industry Projects worth Rs. 12.62 Crore and 4 Extramural Projects (DBT/DST) worth Rs. 6.24 Crore is being invested in field of biotechnology. However, off-target effects of crispr technology impede the growth of the market over the forecast period of 2021-2027. Also, with the expanding gene & cell therapy area, the adoption & demand for CRISPR and cas genes is likely to increase.

Global CRISPR and cas genes Market is segmented on the basis of geographical reason as Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is deemed as leader of market and witnessed robust growth owing to expanding R&D activities coupled with the presence of key market players in the region. Whereas, Asia-Pacific is coming up as one of the promising regions as huge market growth is observed due to factors such as growing research in gene tool editing as well as increasing adoption of CRISPR technology in the region.

Major market player included in this report are:

Genscript  
AstraZeneca  
Addgene  
Caribou Biosciences, Inc.  
Cellestis  
CRISPR Therapeutics  
Editas Medicine, Inc  
Egenesis  
F. Hoffmann-LA Roche Ltd.  
Horizon Discovery Group plc

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 Product Type:

Product

Services

By Application:

Biomedical

Agriculture

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

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global CRISPR and cas genes 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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