

**Global Gene Cloning Services Market By Service Type (Gene Synthesis Service, Molecular Biology Service, Custom Cloning Service, Others), By Gene Type (Stranded Gene, Complex Gene, Others), By Application (Gene Synthesis, Gene Expression, Gene Therapy, Vaccine Research, Others), By End User (Pharmaceutical & Biotechnology Companies, Clinical Laboratories, Others), and By Region, Competition Forecast and Opportunities, 2027**

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**Report description:**

The global gene cloning services market is anticipated to have robust growth in the forecast period, 2023-2027. The growth of the market is attributed to the high-end investments by the public and private players for gene synthesis and cloning services and rapid technological advancements in cloning and sub-cloning services. Increased penetration of synergistic services in the market and the rise in prevalence of infectious and chronic diseases are the other two prominent factors that are expected to boost the demand for the global gene cloning services market over the next five years.

Advantages of using Gene Cloning Services Drives the Market Growth

Gene cloning is expected to transform the medical industry and the biological field. The major advantages of using gene cloning services include analyzing the effect of mutation on a particular gene and making proteins with biomedical techniques. Gene cloning is used to develop recombinant versions of the non-functional gene to understand the functioning of the normal gene. Several specialized providers are providing gene cloning services to interested end users. Generally, the end users prefer to outsource these applications, which not only saves time and effort but also provides technical expertise and facilities dedicated to different molecular cloning and subcloning procedures. Gene cloning services the benefits of fast delivery and several options in select markets and vector types. Researchers and biotechnology companies are expected to benefit from the emergence of gene

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cloning services as they quickly generate the desired constructs with 100% accuracy, which allows focusing the end users on other critical steps for research. Therefore, with the rapidly developing biomedical field, the demand for the global gene cloning services market is expected to grow at a significant rate over the next five years.

#### Increased prevalence of Chronic Diseases Favors the Market Growth

There has been a rise in the occurrence of chronic and lifestyle-related disorders due to the adoption of unhealthy eating habits and sedentary lifestyles among consumers. They are spending less time on physical activities, which is deteriorating their health and giving rise to a number of diseases that can harm their health and sometimes even take the lives of an individual. There has been a constant increase in the demand for the development of effective drugs and disease treatment processes. Cloning can be beneficial in the drug discovery and development process. They are used to identify specific genetic variations to target different therapeutic compounds. Gene cloning services can also be used for the development of vaccines as they help researchers and pharmaceutical companies to study detail about genes and identify receptor subtypes. Gene cloning is also used for the creation of insulin or human growth hormones. Also, their use in gene therapy to treat or prevent disease by correcting the underlying genetic problem is influencing the market demand. The various applications of gene cloning in the biomedical field are expected to fuel the global gene cloning services market demand over the next five years.

#### Market Segmentation

The global gene cloning services market is segmented into service type, gene type, application, end user, regional distribution, and competitive landscape. Based on service type, the market is divided into gene synthesis service, molecular biology service, custom cloning service, and others. Based on gene type, the market is divided into stranded gene, complex gene, and others. Based on application, the market is divided into gene synthesis, gene expression, gene therapy, vaccine research, and others. Based on end user, the market is divided into pharmaceutical & biotechnology companies, clinical laboratories, and others. The market analysis also studies the regional, which is divided among North American region, Asia-Pacific region, European region, South American region, and Middle East & African region. In terms of country, the United States is expected to hold a significant market share over the forecast period. The presence of well-developed healthcare infrastructure and high-end investments by the leading authorities in research and development activities are driving the market demand in the country.

#### Market Players

Thermo Fischer Scientific, Inc., Eurofins Scientific SE, Genscript Biotech Corp, Merck KGaA, Takara Bio Inc., Charles River Laboratories International, Inc., Sartorius AG, CellaBio, Inc., Creative Biogene, Inc., Biocompare, Inc. are the major market players operating in the global gene cloning services market.

#### Report Scope:

In this report, global gene cloning services market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

##### -□ Gene Cloning Services Market, By Service Type:

- o□ Gene Synthesis Service
- o□ Molecular Biology Service
- o□ Custom Cloning Service
- o□ Others

##### -□ Gene Cloning Services Market, By Gene Type:

- o□ Stranded Gene
- o□ Complex Gene
- o□ Others

##### -□ Gene Cloning Services Market, By Application:

- o□ Gene Synthesis
- o□ Gene Expression
- o□ Gene Therapy
- o□ Vaccine Research
- o□ Others

##### -□ Gene Cloning Services Market, By End User:

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- o Pharmaceutical & Biotechnology Companies

- o Clinical Laboratories

- o Others

- Gene Cloning Services Market, By Region:

- o North America

- United States

- Mexico

- Canada

- o Asia-Pacific

- China

- India

- Japan

- Australia

- South Korea

- o Europe

- Germany

- France

- United Kingdom

- Spain

- Italy

- o South America

- Brazil

- Argentina

- Colombia

- o Middle East & Africa

- South Africa

- UAE

- Saudi Arabia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in global gene cloning services market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

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