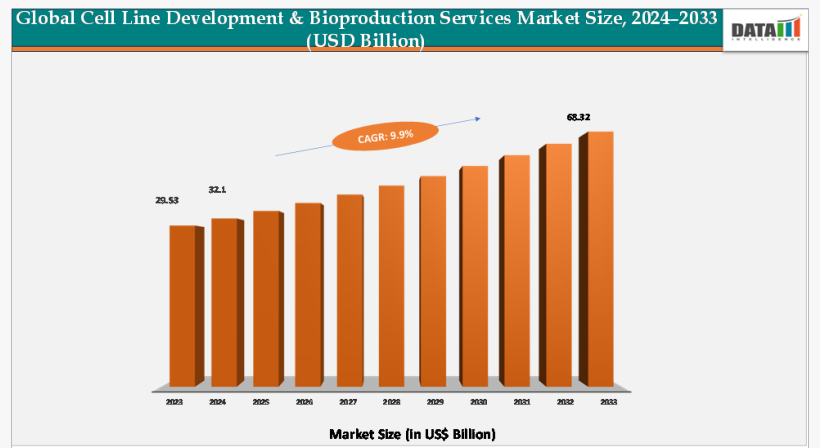


Cell Line Development & Bioproduction Services Industry Intelligence Skyrockets to \$68B by 2033

"Cell Line Development & Bioproduction Services Market Accelerates with Advances in Monoclonal Antibody & Vaccine Production"

AUSTIN, TX, UNITED STATES,
September 25, 2025 /
EINPresswire.com/ -- Market Size:

According to DataM Intelligence, the global [cell line development & bioproduction services market](#) reached US\$ 29.53 billion in 2023, with a rise to US\$ 32.1 billion in 2024, and is expected to reach US\$ 68.32 billion by 2033, growing at a CAGR of 9.9% during the forecast period 2025–2033.



Cell Line Development & Bioproduction Services Market



USA Cell Line Development & Bioproduction Services Market hit \$32.1B in 2024, projected to reach \$68.32B by 2033 at 9.9% CAGR."

*DataM Intelligence 4Market
Research LLP*

Market Size & Forecast

2024: US\$32.1 Billion

2033 (Projected): US\$68.32 Billion

CAGR (2025–2033): 9.9%

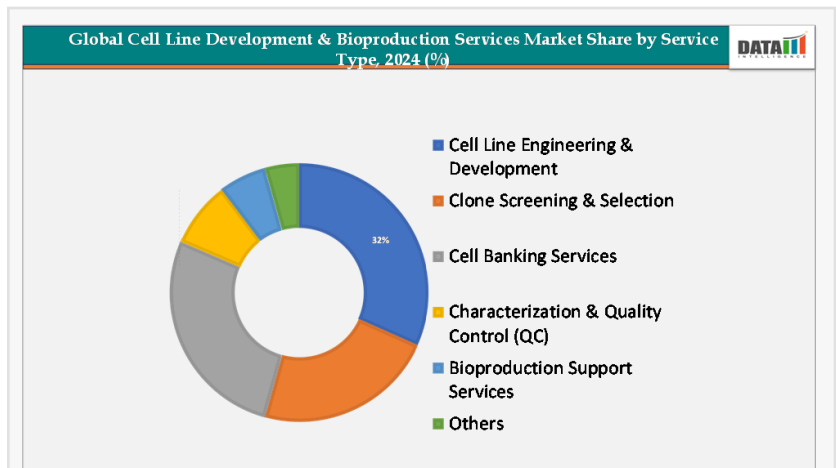
North America: Largest market in 2024

Asia-Pacific: Fastest-growing region

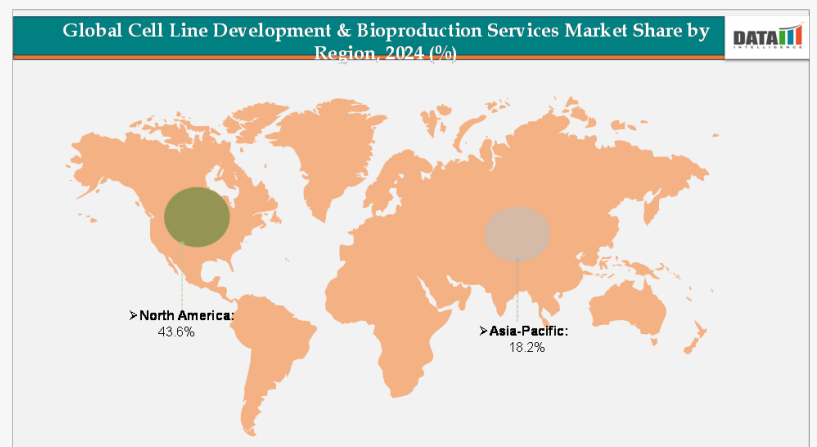
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The global cell line development & bioproduction services market is witnessing robust growth, fueled by the rising demand for biologics, monoclonal antibodies, vaccines, and advanced cell therapies. With pharmaceutical and biotechnology companies increasingly outsourcing to Contract Development and Manufacturing Organizations (CDMOs), the market is experiencing rapid expansion driven by technological advancements in recombinant protein expression, automation, and single-use bioprocessing systems. North America continues to dominate the sector due to its strong biopharmaceutical pipeline and advanced research ecosystem, while Asia-Pacific is emerging as the fastest-growing region, supported by rising R&D investments, favorable regulatory support, and expanding biologics manufacturing capacity. As the focus on precision medicine and immunotherapy intensifies, cell line development and bioproduction services are expected to play a pivotal role in shaping the future of global healthcare innovation.



Cell Line Development & Bioproduction Services Market, by Service



Cell Line Development & Bioproduction Services Market, Regional Share

Key Market Highlights – Cell Line Development & Bioproduction

North America leads with 43.6% revenue, driven by top biopharma firms, established CDMOs, and strong R&D infrastructure.

Asia-Pacific is fastest-growing at 18.2%, fueled by investments in biomanufacturing, government support, regional CDMOs/CROs, and demand for affordable biologics.

Cell line engineering & development dominates services, contributing ~38% of revenue due to demand for high-yield cell lines for antibodies, vaccines, and recombinant proteins.

Major Companies:

Major players in the cell line development & bioproduction services market include Lonza, Thermo Fisher Scientific Inc., Samsung Biologics, Sartorius AG, WuXi Biologics, Cytiva, Eurofins Discovery, Biocompare, Revvity, ProBioGen AG, among others.

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Recent Developments:

- In March 2024, Sartorius and LFB BIOMANUFACTURING, a CDMO specializing in recombinant protein development and manufacturing, announced a strategic partnership. Under the agreement, LFB BIOMANUFACTURING will outsource its cell line development (CLD) services to Sartorius. The collaboration aims to offer joint customers end-to-end solutions spanning CLD to clinical manufacturing, leveraging both companies' expertise to accelerate therapy development and enhance customer value.
- In November 2024, Scorpius Holdings, Inc., an integrated CDMO, announced a partnership with Celltheon Corporation to deliver cell line development services leveraging Celltheon's proprietary GOLDDILOCKS™ transposase-based platform.

Market Segmentation

Service Type: The cell line engineering & development segment holds an estimated 32% market share.

Service Type: The cell banking services segment accounts for an estimated 29% market share

By Service Type: (Protein Expression Services, Protein Purification Services)

By Protein Type: (Natural Proteins, Synthetic Proteins)

By Application: (Research and Development, Diagnostics, Biotechnological Product Manufacturing, Agriculture, Others)

By End-User: (Pharmaceutical & Biotechnology Companies, Contract Development & Manufacturing Organizations (CDMOs), Diagnostic Laboratories & Clinical Research Centers, Others)

By Regions Covered: (North America, Europe, Asia-Pacific, South America, and the Middle East & Africa)

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Regional Market Overview

North America (43.6%) – Leads the market, driven by strong biopharma ecosystem, high R&D, advanced CDMOs, and early adoption of CRISPR, AI, and high-throughput cell screening. Favorable FDA and Health Canada regulations further support biologics and cell/gene therapy production.

Europe (20.4%) – Holds a significant share with strong regulatory standards, advanced CDMO networks, and growing biosimilar and ATMP pipelines. Key markets include Germany, U.K., and Switzerland, emphasizing quality-compliant cell line development and global collaborations.

Asia-Pacific (18.2%) – Fastest-growing region, fueled by expanding biologics manufacturing, government support, and domestic biotech growth in China, India, Japan, and South Korea. Cost advantages, skilled workforce, and rising biosimilar demand drive outsourcing and CDMO investments.

Related Reports

[Cell Line Development Market](#)

[Contract Development and Manufacturing \(CDMO\) Market](#)

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DataM Intelligence 4Market Research is a market intelligence platform that gives access to syndicated, customized reports and consulting to its clients in one place. As a firm with rich experience in research and consulting across multiple domains, we are a one-stop solution that will cater to the needs of clients in key business areas. DataM Intelligence has an online platform whose coverage includes industries such as chemicals and materials, agriculture, health care services, animal feed, and food & beverages, among others.

Our platform has Insights on markets that uncover the latest market research data that are distinct from the competition. With coverage across 10 major industries in the marketplace research, DataM Intelligence benefits thousands of companies by helping them take their innovations early to the market, and by providing a complete view of the market with statistical forecasts. Our strategy-centric framework and value-added services will let individuals and corporates with ease of access and custom personalization to research and markets.

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