

Cloud-Clone Recombinant Proteins: Reliable Protein Powerhouse for Academic Research & Biomanufacturing

Over 17,000 cross-species recombinant proteins with GMP-grade production and triple validation to accelerate target research and pharmaceutical development

HUSTON, TX, UNITED STATES, August 19, 2026 /EINPresswire.com/ -- High-purity, high-activity and high-stability [protein](#) reagents act as fundamental enablers to break experimental bottlenecks and speed up translational achievements throughout life science exploration and biomedical development. With years of in-depth research in protein engineering, [Cloud-Clone](#) Corp. relies on full-chain independent R&D capabilities to build a portfolio of more than 17,000 recombinant protein products. The company delivers one-stop premium protein solutions to research institutions and pharmaceutical enterprises worldwide, advancing progress across biomedical research disciplines.



I. Comprehensive Product Coverage for Diverse Academic and Industrial Scenarios

Drawing on proprietary in-house gene libraries, Cloud-Clone has established an extensive product bank featuring over 17,000 recombinant proteins, more than 2,900 full-length proteins and over 1,300 biologically active proteins. The lineup covers more than ten species including human, mouse, rat, guinea pig, rabbit, canine, porcine, bovine and goat, fully catering to multi-species research requirements across diverse experimental workflows.

The catalog includes widely studied targets such as cytokines, growth factors, neurotrophic factors, enzymes, receptor proteins and tumor biomarkers, alongside rare specialized research proteins. Whether for routine cell culture, protein functional verification, high-throughput drug screening or large-scale industrial raw material manufacturing, these products fit experimental demands perfectly, eliminating lengthy custom development cycles and allowing researchers to launch trials rapidly.

II. Rigorous Quality Control Framework to Guarantee Credible Experimental Data

1. Fully In-House Manufacturing with Full Traceability

All proteins are produced on Cloud-Clone's exclusive self-developed expression platforms. The entire workflow, from gene sequence design to protein purification, is independently controlled and traceable at every stage. This ensures authentic product origin and accurate gene sequences, fundamentally eliminating exogenous contamination and sequence errors.

2. Three-Tier Strict Quality Checks Exceeding General Industry Standards

- High purity: Protein purity reaches no less than 95%, validated via dual SDS-PAGE and HPLC testing to present single bands free of impurities.
- Ultra-low endotoxin: Endotoxin levels are maintained below 0.01 EU/μg, making the products suitable for sensitive applications including cellular assays and in vivo animal administration.
- Functional activity verification: A complete activity testing system evaluates stimulatory activity, binding activity and enzymatic activity. Standardized testing protocols deliver highly reproducible results, and every product is shipped with a full Certificate of Analysis (CoA) and complete testing datasets to support reliable experimental outcomes.

3. GMP-Compliant Production for Consistent Batch-to-Batch Performance

Manufacturing follows GMP cleanroom standards, with standardized processes that minimize batch variation. The industrial-scale production capacity enables stable bulk deliveries ranging from milligram to gram quantities. Long-term research and pharmaceutical development projects face no risks of supply shortages or inconsistent quality, fully supporting small-scale academic trials and large-scale industrial manufacturing alike.

Figure 1 Cloud-Clone SPF laboratory

III. Diverse Expression Platforms & Customized Services for Customized Research Needs

Cloud-Clone operates a full spectrum of expression systems, including prokaryotic platforms as well as eukaryotic systems such as yeast, insect cells, HEK293 and CHO cells. The optimal expression system is selected according to each protein's unique biochemical properties to maximally preserve native protein conformation and biological activity.

Full-spectrum custom development services are also available, covering expression system selection, fusion tag design and functional activity validation. A dedicated professional technical team responds rapidly to resolve challenges including expression of hard-to-produce targets and preparation of complex proteins, delivering tailor-made products aligned with clients' unique experimental objectives.

IV. Top-Journal-Quality Products to Accelerate High-Impact Research Outputs

Thanks to consistent superior performance, Cloud-Clone's recombinant proteins have supported tens of thousands of peer-reviewed SCI papers published by global research teams. Numerous studies utilizing these reagents have been featured in world-leading journals including Nature, Cell, Nature Nanotechnology and Signal Transduction and Targeted Therapy, with the highest impact factor reaching 64.8, establishing the brand as a trusted resource for high-level research.

Whether investigating tumor mechanisms, neuroscience pathways, inflammatory responses or drug target validation, Cloud-Clone proteins deliver stable performance to help researchers

shorten experimental timelines, reduce trial-and-error costs and accelerate manuscript submission and translational transformation of research findings.

Conclusion: Unlock New Potential for Research and Biomanufacturing with Cloud-Clone Proteins

From basic laboratory research to industrial mass production, and from microscale bench experiments to large-scale compound preparation, Cloud-Clone stands out as a leading supplier of premium protein reagents driven by four core strengths: independent proprietary R&D, stringent multi-layer quality control, stable large-volume supply and fully customizable product development. Moving forward, Cloud-Clone will continue to advance protein engineering technology, expand its product portfolio, elevate quality benchmarks and refine professional technical services. The company aims to fuel global life science advancement, collaborating with researchers worldwide to unravel biological mysteries and drive groundbreaking scientific discoveries.

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