



Cloud-Clone Corp.

Cloud-Clone Corp. High-Quality Protein Raw Materials for Global Partners

Strict Quality Control · Stable Supply · Professional Service

Company Profile

Founded in 2009, Cloud-Clone Corp. is an original manufacturer specializing in biological reagents, with a long-standing commitment to independent R&D and proprietary core technologies. Centered on recombinant and active proteins, the company offers a fully integrated platform spanning research and development, large-scale production, and global supply.

Backed by a stable supply chain, rigorous batch-to-batch consistency, full-process traceability, and a well-established R&D system, Cloud-Clone maintains strict quality control standards across every stage of production. With strong large-scale manufacturing capabilities, the company ensures reliable delivery and consistent product performance.

Today, Cloud-Clone provides high-quality raw materials to support global new drug development, biopharmaceutical companies, diagnostic reagent manufacturers, and CROs. Its product portfolio covers more than 10 species, meeting the needs of diverse research and industrial applications. Through its commitment to quality and innovation, Cloud-Clone has become a trusted long-term strategic partner for many leading pharmaceutical companies and well-known brands worldwide.



17 years of technical accumulation

Mature eukaryotic and prokaryotic protein expression system for standardized and large-scale production



100% Original Manufacturing

Providing one-stop customized services from gene to protein with full traceability throughout the process



500+ partners across the globe

We collaborate with renowned global brands and pharmaceutical companies including Roche, Merck and others

Product Advantages

Rich Product Portfolio

| Cloud-Clone Proteins



- More than 17,000 recombinant proteins
- More than 1,300 active proteins
- Covering 10+ species: human, mouse, rat, cavia, rabbit, canine, porcine, bovine, caprine, etc.
- Support multi-species, multi-scenario research & manufacturing.

Comprehensive Active Protein Categories

Diverse active proteins including cytokines, growth factors, enzymes and IVD targets, covering applications in multiple fields.

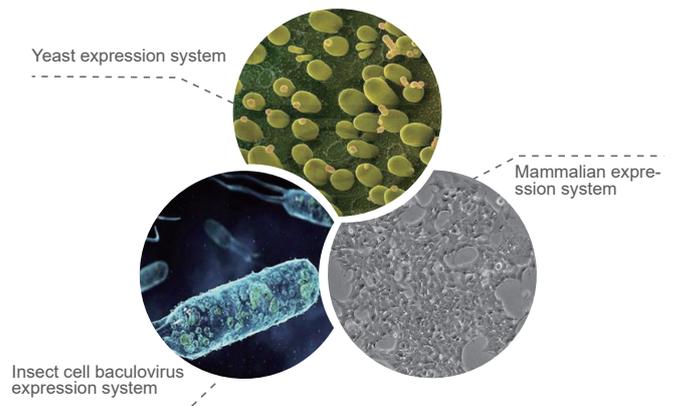
Table 1. Targets of Cloud-Clone Popular Active Protein

Targets	
Cytokines	TGF-beta 1, TNF-alpha, IL4, IL2...
Growth factors	GM-CSF, EGF, SDF-1...
Enzymes	Catalase, Heparanase, MMPs, PAM...
IVD targets	AMH, PINP, Thrombin...

Strong Production Support Capacity

Equipped with GMP-grade bioreactors and fermenters, our production capacity ranges from laboratory-scale to industrial-scale, enabling a seamless transition from R&D to commercial manufacturing. This supports the full lifecycle of development, from proof of concept to large-scale production. Our platform accommodates multiple expression systems—including E. coli, yeast, insect, 293F, and CHO—allowing us to adapt to diverse protein types while ensuring production flexibility and efficiency.

- Eukaryotic expression system



Strict Product Quality Assurance

Backed by a rigorous quality management system, we maintain strict control throughout production to ensure high activity, purity, stability, and consistency in every batch.

Table 2. Specifications of Cloud-Clone Proteins

Purity	Carrier protein	Host cell protein	Animal component	Endotoxin	Sterility
> 95%	Free	Free	Free	≤ 0.1 EU/mL	Sterile

Quality Control System

Systematic Assurance

Guided by an ISO quality management system, we maintain standardized control across the entire workflow—from R&D to delivery. Every quality step is documented and fully traceable, ensuring consistent, reliable product quality from the very start.



Strict Production Control

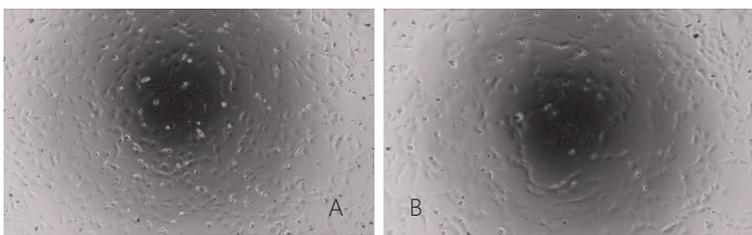
We maintain a GMP-grade clean production environment with strict controls over the production environment, equipment and personnel, minimizing interference from environmental factors. Consistent process parameters are enforced to reduce batch-to-batch variation and improve product stability.

• GMP-grade production line



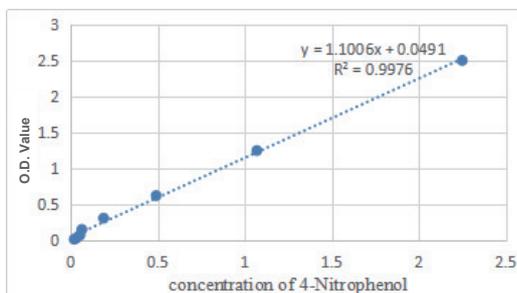
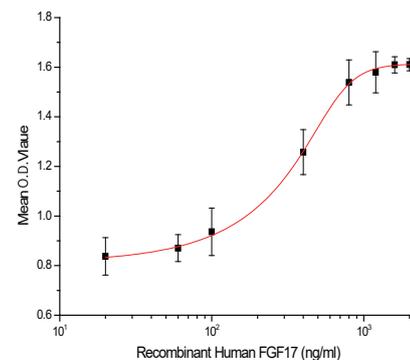
Comprehensive Quality Inspection

Each batch undergoes full testing of key quality attributes to ensure it meets required performance specifications. All test methods are aligned with international pharmacopoeia standards and the highest industry benchmarks, guaranteeing that every product consistently meets defined specifications.

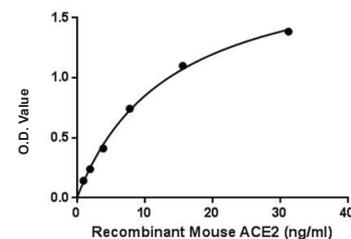


Cell proliferation of Balb/c 3T3 cells after stimulated with FGF17.
 (A) Balb/c 3T3 cells cultured in DMEM, stimulated with 1000 ng/ml FGF17 for 48h;
 (B) Unstimulated Balb/c 3T3 cells cultured in DMEM for 48h.

The biological activity of APC910Hu01 (FGF17 active protein) was detected by Balb/c 3T3 cell proliferation assay. Cell proliferation was detected using the cell counting kit (CCK-8).



The activity of APC374Hu01 (CES1 active protein) is determined by the hydrolysis of 4-nitrophenyl acetate (4-NPA) to 4-nitrophenol by CES1 protein.



The binding activity of ACE2 with S1

ELISA is used to detect the interaction of APB886Mu01 (ACE2 active protein) and recombinant S1 protein.

Product Traceability

Each batch is accompanied by a Certificate of Analysis (COA) with complete testing data traced back to the production source, ensuring full quality traceability.

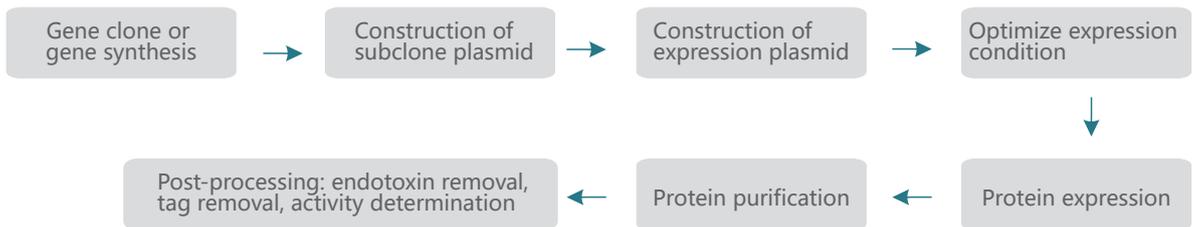


Comprehensive Service

Flexible Customization Services

We provide fully customized production plans covering expression system, tag, activity and other specifications according to customers' specific requirements.

• General process



Strict Confidential Cooperation

We fully support confidential projects (NDA) of pharmaceutical companies, implementing strict confidentiality agreements and data security management procedures to ensure the safety of project information.

Safe and Stable Supply

A complete supply chain management system ensures safe, stable and continuous product supply under strict confidentiality conditions.

Efficient Technical Support



Our professional technical support team provides rapid response, timely answers to customer inquiries, and efficient solutions to various technical problems encountered during experiments.

Cloud-Clone Corp.

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