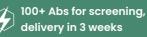
SB Sino Biological

Rapid & High-throughput Recombinant Antibody Production Services

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One-stop services: from gene synthesis to purified antibodies in HEK293 or CHO cells



Our Strengths

- O HTP capabilities from gene synthesis to purified antibodies
- o >10 years' experience in antibody production
- O Flexible production scale ranging from 0.05mg 5mg
- O Fast delivery of purified antibodies to support screening projects
- $\boldsymbol{\circ}$ Superior quality with high purity and low endotoxin level
- O Significant cost-effective way with very competitive price

Services Details

Amount	Description	Deliverables
100µg	 Gene synthesis Vector construction Sequencing confirmation Plasmid preparation Transient transfection of HEK293/CHO cells Purification and QC analysis Additional analysis (optional) 	 Purified antibodies CoA Antibody gene in commercial vectors (optional)
500µg		
Img		

Note:

Standard analysis: concentration determined by UV; purity determined by SDS-PAGE. Optional analysis: SEC-HPLC, Endotoxin test, ELISA, FACS, Affinity by Octet/Biacore and more.



Large Scale Recombinant Antibody Production Services

Sino Biological's core strength is its in-house developed mammalian cell culture and recombinant expression platforms. The company provides a variety of packages for customers who need antibody expression services.

Unique Superiority

🥸 High Quality

- Monomer purity >99.9%
- o Endotoxin level < 0.01EU/mg
- Comprehensive QC analysis ability: ELISA, FACS, SEC-HPLC, LC-MS/MS, Affinity by OCTET...

🕡 Extensive Experience

- Various types: full mAb, Chimeric, scFv, Fab, Bispecific, Isotype Switching, multi-chain co-transfection expression
- o Various species: Human, Mouse, Rat, Rabbit, Canine
- O Various isotypes: IgG, IgA, IgM, IgE

Scale-up Recombinant Antibody Production



Integrated Solutions for Antibody Drug Research and Development

Antibody Drug Discovery

- O Protein antigen production
- Mouse mAb development
- Rabbit mAb development
- Hybridoma culture antibody production
- Hybridoma antibody sequencing
- High throughput antibody production

Hit Characterization

- o Biophysical/biochemical characterization
- Cell-based assays
- Binding activity

Lead Optimization

- Chimeric antibody production
- Antibody fragments production
- Bispecific antibody production
- Anti-idiotype antibody development
- Phage library construction and screening

Biological Process

- Antibody transient expression
- o Antibody stable cell line development
- Antibody stability study

😣 Sino Biological

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