

Rapid & High-throughput Recombinant Antibody Production Services



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



100+ Abs for screening,
delivery in 3 weeks

Our Strengths

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

Services Details

Amount	Description	Deliverables
100µg	<ul style="list-style-type: none"> • Gene synthesis • Vector construction • Sequencing confirmation • Plasmid preparation • Transient transfection of HEK293/CHO cells • Purification and QC analysis • Additional analysis (optional) 	<ul style="list-style-type: none"> • Purified antibodies • CoA • Antibody gene in commercial vectors (optional)
500µg		
1mg		

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.



ISO 9001 Quality Assurance



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%
- 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
- Various species: Human, Mouse, Rat, Rabbit, Canine
- Various isotypes: IgG, IgA, IgM, IgE

Scale-up Recombinant Antibody Production

Amount	• 10mg-100mg	• 100mg-1g	• >1g
Timeline	3-5 weeks	6-8 weeks	8-12 weeks

Integrated Solutions for Antibody Drug Research and Development

1 Antibody Drug Discovery

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

2 Lead Optimization

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

3 Hit Characterization

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

4 Biological Process

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



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