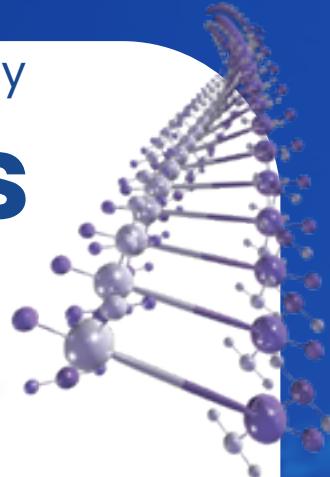




Tsingke Gene Factory

Gene Synthesis Service



Double guarantee
NGS & Sanger
sequencing



Codon optimization
free of charge

160
Free

160+ commercial
vectors available



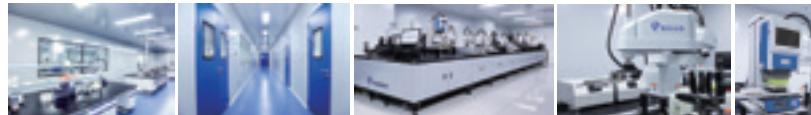
Fast delivery time
Cost-effective



Dedicated
support

Tsingke Biotech has a complete industrial chain in nucleic acid synthesis specializing in the development & manufacturing of genomics and biosynthesis products. Tsingke's wide-ranging expertise and specialized platforms offering total solutions from raw materials and equipment to synthetic products and services.

With industry-leading DNA synthesis platform, Tsingke offers high-quality genes (up to 200 kb) and DNA fragments with advanced Tsynth® synthesis technology that are suitable for a variety of applications. Genes are provided with Tsingke cloning vectors or custom vector of your choice without cloning fees.



Service Details

Type	Production time(Calendar Day)	Introduction
Tsynth® gene synthesis	5~8 (<1.5 kb) Enquiry(>1.5 kb)	High purity, fast, stability, accuracy, cost-effective and up to 200 kb
DNA fragment	2~3 (<1.2 kb)	Fulfilling the demands of easy gene construction or modification
Plasmid preparation	Enquiry	Provide research-grade and industrial-grade, endotoxin content<0.005 Eu/μg
PCR cloning & Subcloning	5~8(<1.5 kb) Enquiry(>1.5 kb)	Subcloning gene into any vector
Mutagenesis	Enquiry	Safe and efficient simple vectors for gene and cell therapy study

Deliverables

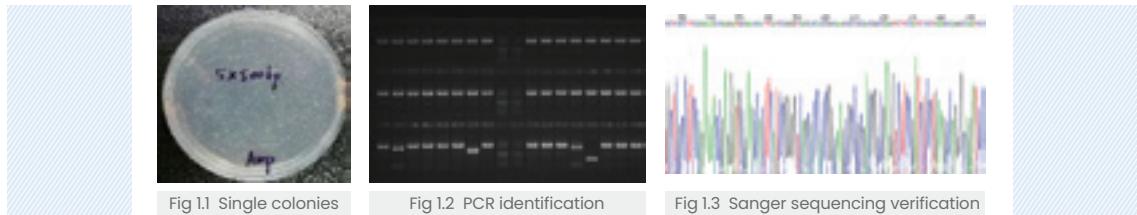
- 4 µg of lyophilized plasmid (1 µg for low-copy plasmid)
- Construct map for plasmid (electronic)
- Sequence chromatograms covering your gene and NGS results (electronic)
- Certificate of Analysis

Applications

-  DNA vaccine research
-  Virus packaging
-  Antibody discovery
-  Gene and cell therapy studies
-  In vitro transcription

Case Study

· Quality Control



· Sophisticated Cases

1. Continuous unit repetition



2. Small segment repetition



3. Poly(A) structure



4. High GC% structure



Contact us



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