

AZENTA
LIFE SCIENCES

DISCOVERY IS YOUR MISSION

DELIVERING HIGH-QUALITY GENE SYNTHESIS SOLUTIONS IS OURS

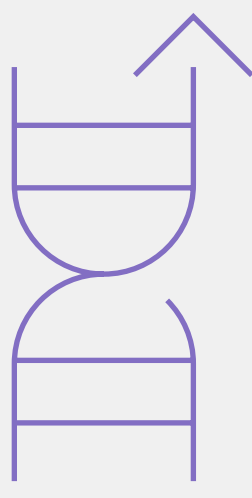
Add valuable time back to your research by partnering with Azenta Life Sciences in the creation and modification of your genetic sequences. Azenta custom clones your codon-optimized genes into your desired vector for optimal protein expression, regardless of their length or complexity. Our expanded offering includes a wide range of synthetic DNA solutions for your research, including gene fragment synthesis, synthetic DNA libraries, oligo synthesis, and CRISPR synthetic solutions.



1. Streamlined Project Inquiry, Evaluation, and Design

Local Support and Well-Designed Projects Accelerate Your Research

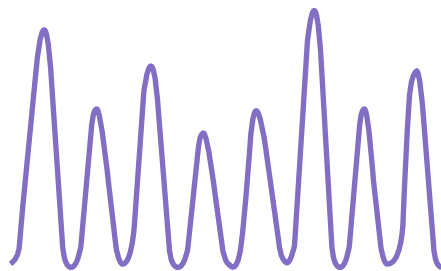
- Same-day inquiry response
- Comprehensive project assessment
- Biosecurity screening
- Industry-leading quality and support



2. High-Quality Gene Optimization and Synthesis

Reliable Synthetic Protocols Maximize Experimental Performance

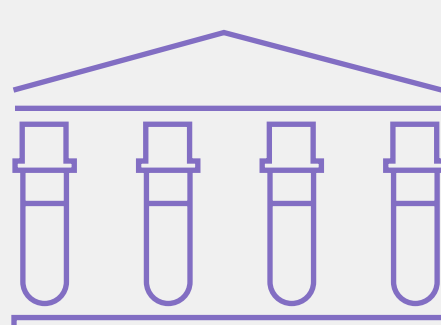
- Codon optimization and secondary structure analysis
- Proprietary inverted terminal repeat (ITR) correction protocol
- US-based gene synthesis includes cloning into any vector



3. Stringent Quality Control and Timely Product Delivery

Confidence in Data Means Confidence in Research

- 100% Sanger sequencing accuracy and restriction digest of product
- Next-generation sequencing (NGS) diversity analysis for pools
- Comprehensive certificate of analysis (CoA) and secure project tracking



4. Positioned to Support Future Project Needs

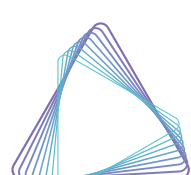
Ensured Research Success Translates into Commercial Success

- Store/access synthetic genes from anywhere for up to 2 years
- CLIA/GLP gene synthesis and animal-free plasmid preparations for pre-clinical and clinical trials

Advance your research with trusted gene synthesis today.

Learn more about how you can leverage our synthetic and research partnership to accelerate your research.

[FIND YOUR SOLUTION](#)



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