



# Reliable and Affordable Custom Gene Synthesis Platform

## Competitive Advantages

- **Expertise in Synthesizing Long & Complex Sequences**

Repetitive sequences (<40bp), gc content (10-90%), hairpin structure, poly structure, genome, metabolic pathway, sequences up to 700kb.

- **Codon Optimization** *Free!*

Proprietary NG™ Codon Optimization Software can produce higher-yielding protein expression.

- **Guaranteed Accuracy** *100%!*

Sanger sequencing and NGS are conducted to verify sequence accuracy.

- **High Synthesis Capacity**

ISO 9001 certified facilities with more than 200 scientific staff members ensure DNA synthesis capacity up to 3Mbp per month.

- **Encryption**

Patented DNA Studio™ Technology allows insertion of a synthesized security code into the requested construction for IP protection.

## Service Specifications

Gene Length	Price*	Turnaround Time* (business days)	Deliverables
<250 bp	\$50	5-10	<ul style="list-style-type: none"> <li>• 2-5 µg lyophilized plasmid DNA</li> <li>• Sequencing chromatogram</li> <li>• Certificate of Analysis (COA)</li> </ul>
250-1,500 bp	\$0.20/bp	5-10	
1,501-3,000 bp	\$0.21/bp	12-15	
3,001+ bp	Quote Needed	Quote Needed	

The genes will be cloned into our default pUC57-Amp or pUC57-Kan vectors with multiple cloning sites.

Custom subcloning (Free for vectors <6kb / \$50 for vectors >6kb)

\* non-complex sequences

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