

Synthetic Biology Molecular Biology Services



From Gene to Protein

Bio-Synthesis provides a start-to-finish solution for molecular biology research, ranging from gene synthesis, cloning, to advanced genetic engineering development. Based on key know-how, we have accumulated over two decades of experience, along with proven records in providing a reliable and flexible molecular biology solutions that cover almost all of your basic or discovery research needs. We have delivered thousands of synthetic genes and constructs with the most complexities. Every project is carefully documented for traceability, accountability and reproducibility. So don't let labor-intensive, time-consuming processes such as cloning a gene or expressing a protein impede your research progress! Pass the work to the experts at Bio-Synthesis.

Quality Guaranteed

Gene Synthesis

- ✓ 100% sequence guarantee
- ✓ High volume, large capacity
- ✓ Free codon optimization
- ✓ Any gene in any vector
- ✓ Cost effective, fast delivery

Mutagenesis

- ✓ 5 µg lyophilized vector containing gene
- ✓ Unparalleled accuracy, optimized protocol
- ✓ Sequence-confirmed mutation
- ✓ Construct map for the plasmid
- ✓ Quality assurance certificate

Bundle Gene Services

- ✓ Gene synthesis + Mutagenesis
- ✓ Gene synthesis + Subcloning
- ✓ PCR cloning + Subcloning
- ✓ Gene to Protein Expression

Popular Products/Services

- ✓ Cell Line Identification
- ✓ HLA DNA Typing Services and Kits
- ✓ Luminex Assays
- ✓ DNA, RNA, Protein Sample Prep

Our Guarantee

- ▶ All reagents undergo vigorous quality control prior to production
- ▶ Final products are systematically verified through various bioanalytical methods: eg. MS, HPLC, sequencing, electrophoresis, and others
- ▶ ISO: 9001-2008 QA processing to ensure reliability and reproducibility

Gene to Protein, All-in-One Solutions

- Bioinformatic selection, gene synthesis, cloning, sequencing
- Protein expression in bacteria, insects, or mammalian systems, and scale-up manufacturing
- Purification by ion-exchange, affinity-taq, size exclusion, dye-ligand, or hydrophobic interaction
- Validation by electrophoresis, MS, sequencing, AAA, Western Blotting or activity assay
- Polyclonal or monoclonal production, labelings, modifications, and scale-up purification
- Protein arrays or assay development

Synthetic Controls for Molecular Diagnostics

- Made-to-order DNA or RNA reference standard
- Suitable for PCR, qPCR, microarrays and more
- Save time in searching for hard-to-find strains
- No cloning or requiring specialized containment facilities
- Risk free from live viruses, infectious bacteria, or other organisms

Call for On-demand HPV and HLA controls at your finger tips!

Visit Biosyn.com to learn more information about our [Molecular Biology Services](#).



Your Source of Quality Biology Services



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