

# CUSTOM GENE SYNTHESIS

Why waste time cloning and sequencing your gene when we do it all for you!

- Gene synthesis at **SPECIAL PRICES**
- Includes insertion into vector of choice
- Includes expression optimization
- Includes DNA sequencing data plus chromatogram
- 100% fidelity **GUARANTEED**
- Lyophilized plasmid DNA provided
- *E. coli* culture transformed and stab provided at minimal cost
- Expression systems: Bacterial (*E. coli*), Yeast (*Pichia pastoris*)
- Baculovirus (Insect Cell), Mammalian (Mouse)



We guarantee a quick turnaround-time, unbeatable pricing and large inserts!



## OTHER GENOMIC SERVICES

- Plasmid library construction
- Lambda library construction
- Site-directed mutagenesis
- Large-construct DNA engineering
- APA genome walking service
- Subcloning
- Gap filling
- 5' and 3' RACE of first-strand cDNAs
- 5' and 3' genomic walking
- Identifying intron/exon junctions
- Identifying transgene/genomic DNA junctions
- Identifying gene traps and transposon-insertion location

## BAC LIBRARY CONSTRUCTION

- We guarantee coverage
- We perform HMW DNA extraction at our facilities
- We have experience with plant, fungal, bacterial and animal libraries
- We have extensive experience with GC-rich organisms and marine bacteria
- Our arrayed BAC libraries are shipped in bar-coded microplates
- Shipment temperature of non-arrayed libraries is always monitored using a BLUE FLAG Temperature Data logger
- We provide technical support

Biotech desk

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