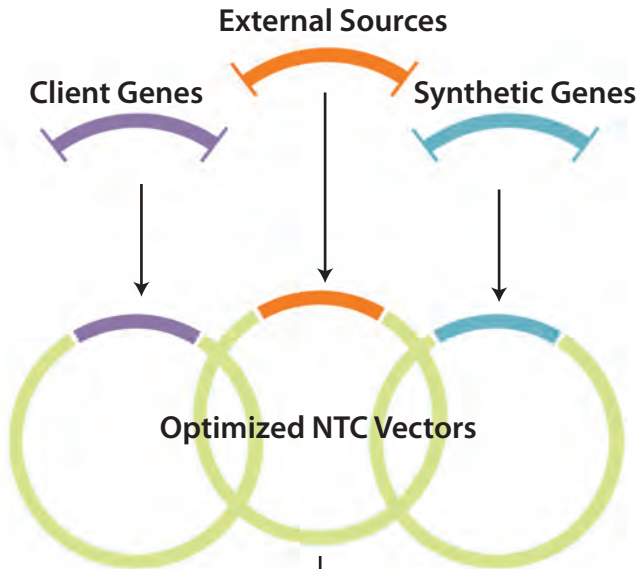


NTC Precision Cloning



NTC Large Scale Prep (Research Grade)



Tech Transfer, GMP Manufacturing, CROs



Vector Design:

NTC scientists work with clients for design optimization

Insert Choices:

- Client Genes
- External Sources
- Optimized Synthetic Genes

Vector Choices:

- Optimized NTC DNA Vaccine Vectors
- Optimized NTC Therapeutic Gene Vectors

Technology Advantages:

- Vectors optimized for: speed (4-5 weeks typical turnaround times); economy (\$400 typical cost per antigen, includes sequencing inserts), regulatory compliance (Points to Consider); optimal prokaryotic plasmid yield; optimal mammalian transient expression; choice of markerless (antibiotic-free) or KanR; immunogenicity.
- Technology Options: targeting, dcm methylation (+/-), RIG-1 activation (interferon)

Clone Validation:

Fully sequenced inserts and junctions

Plasmid DNA Manufacturing:

Highly purified, endotoxin-free, research grade pDNA

- Small Scale: 1-99mg
- Large Scale: 100mg-Kg
- (HyperGRO™) Fermentation, highest attainable yields and purity)

GMP Manufacturing:

Technology Transfer from NTC to CROs, and/or client facilities

NTC Precision Cloning and Manufacturing Services

NTC Vectors: Precision Cloning

Service	Your High-Copy Vector	NTC SV40-PASBH Vectors
Clone your Gene	N/A	\$400
Choice of NTC Vector	N/A	\$420
1g research grade DNA Prep	\$12,500*	\$9,995
Total Cost:	\$12,500*	\$ 10,835

Plus:
**20% off large scale production every time you order
NTC high copy DNA vector!**



*Precision vector construction
and multigene dove-tailing with
GENSA™ (Gene Self Assembly)
technology, available upon request.*

**Pricing subject to change*