

ENFINIA™ Linear DNA

Next-Gen DNA from Cell-Free Gene Synthesis

Faster Turnaround



7 business days

Rapidly iterate designs to explore a broader sequence space faster

Longer DNA



Up to **7** kb in length

Stop wasting time building full length constructs from low-quality parts

Superior Accuracy



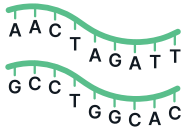
NGS Verified

1:70,000 per bp error rate

Eliminate cell-based cloning from your development process

Expanded Limitations for ENFINIA DNA, High-Complexity Synthesis

To learn more about Elegen's DNA synthesis options, visit: <https://elegenbio.com/high-complexity/>



Local GC Content



Long Repeats



Hairpins (ITRs)



Homopolymers



Short Tandem Rpts.



Save Time in Synbio Applications Including mRNA Vaccines and Cell & Gene Therapy



Plant Engineering

- Regulatory sequences
- Pathway genes
- Transgenes
- Viral vector genes



C&G Therapy

- AAV plasmid parts
- Lentiviral packaging
- Cas9
- CMV promoter enh.
- Riboswitches
- Immunoglobulins
- Recombinant proteins



mRNA Vaccines

- Viral Pathogen genes
- Viral antibodies
- Cas9
- Cas13
- Viral vector parts
- Oncomarker genes



Metagenomic Mining

- Fungal PKS pathway



Enzyme/Pathway Engineering

- Bacterial genes
- Fungal genes
- Metabolic pathways



CRISPR Therapeutics

- Immune system pathway
- Viral genes

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"We are extremely impressed with Elegen's ability to produce DNA quickly, including difficult sequences."

—Alec Nielsen, Co-founder and CEO of Asimov

Order Now

ecommerce.elegen.com



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