

Get a **FREE IDT Journal Book** with **ANY** purchase of **GENES***



Custom Gene Synthesis

IDT and SGI-DNA have partnered to offer a broad range of solutions for synthetic biology and gene assembly. IDT now offers cloned synthetic DNA constructs up to 2 Mbp with these added features:

- Length: 25 bp—2Mb¹
- Delivery Amount: 4 µg (25 - 5000bp), 1 µg (>5000bp), dry final product
- Quality Control: All Genes and MiniGene constructs are sequence verified on both strands prior to shipping using either Sanger or MiSeq® System Sequencing²
- All synthetic gene products manufactured by IDT and SGI-DNA are delivered in a vector ready to be transformed into *E. coli*

SGIDNA

Product	Available length
MiniGene	25-500 bp
Gene	500 bp - 2Mb

¹ For Genes >5000 base pairs, contact IDT Gene Support at genes@idtdna.com.

² MiSeq® System sequencing is performed for QC of long constructs, as determined by IDT and SGI-DNA. MiSeq® is a registered trademark of Illumina Inc.

Prefer to build your own genes?

IDT also provides single-stranded oligonucleotides for traditional gene synthesis and gBlocks™ Gene Fragments for easy gene construction or modification.

	Gene Assembly Oligonucleotides	gBlocks™ Gene Fragments	Custom Gene Synthesis
<i>Description</i>	Single-stranded custom oligonucleotide	Double-stranded linear fragment	Double-stranded product delivered in a vector
<i>Length</i>	45 – 200 bases	125 – 750 bp	25 bp – 2Mb
<i>Delivery Amount</i>	200 pmole	200 ng	1 µg (>5000bp) OR 4 µg (25 – 5000bp)
<i>Quality Control</i>	Mass spectrometry	Sanger sequencing	Sanger or MiSeq® System Sequencing
<i>Minimum Order Size</i>	288 oligonucleotides	1 fragment	1 gene

For more information about IDT Custom Gene Synthesis, please visit <https://sg.idtdna.com/pages/products/genes/custom-gene-synthesis>

* Terms and Conditions:

- Promotion valid till end 30 September 2013 or whilst stock lasts
- ONE journal book for every gene purchased
- Order must be placed with IDT's appointed distributor in Malaysia, Thailand, Indonesia, Vietnam, Philippines, Taiwan, Hong Kong and Sri Lanka
- Not valid with gBlocks order

For ordering and enquiries, please contact your local distributor



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