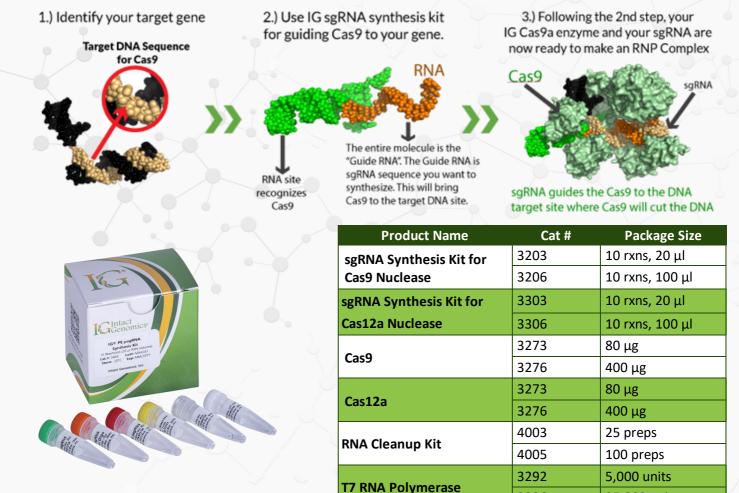
IGIntact Genomics®

GENE-EDITING & CRISPR

At Intact Genomics, we believe in the power of unlocking nature's code for the betterment of humanity. Intact Genomics is proud to introduce a high quality product line for Gene-Editing. As part of our on-going mission, we are bringing you the very best and most innovative biotechnologies, today. From Cas enzymes to Prime-Editing kits, researchers can find the best tools to maximize their genome-editing experiments form Intact Genomics.

sgRNA Synthesis Kits

3 STEP GUIDE TO IN VITRO GENE EDITING





25,000 units

3296



CRISPR PRIME-EDITING

Introducing the first commercially available PEmax Enzyme and PE pegRNA Synthesis Kit on the market. The IG[®] PEmax Enzyme and PE pegRNA Synthesis Kit provide excellent quality, reliability, and ease of use.

Product Name	Cat #	Package Size	
PEmax Enzyme	3473	80 µg	
	3476	400 µg	
PE pegRNA Synthesis Kit	3404	10 Reactions (20 μl rxn volume)	
	3406	10 Reactions (100 μl rxn volume)	

PEmax[™] System Feature & Benefits

- Wide variety of genetic editing possibilities
- Specific DNA/RNA targeting
- Precision gene therapy research
- Up to 20x more efficient than previous methods
- Targeted DNA insertions

PEmax and Prime-Editing, a quick over-view:

PEmax is purified recombinant *Streptococcus pyogenes* Cas9 nickase mutant (H840A)-MMLV-Reverse Transcriptase fusion protein containing a NLS. The fusion enzyme nicks targeted DNA/RNA and directs a mutation at a specific site guided by the pegRNA. RT uses the system to deliver replacement DNA sequence. Researchers can customize the pegRNA to target specific DNA sequences to meet their specific needs. For a more in-depth and technical explanation, please see our website.

