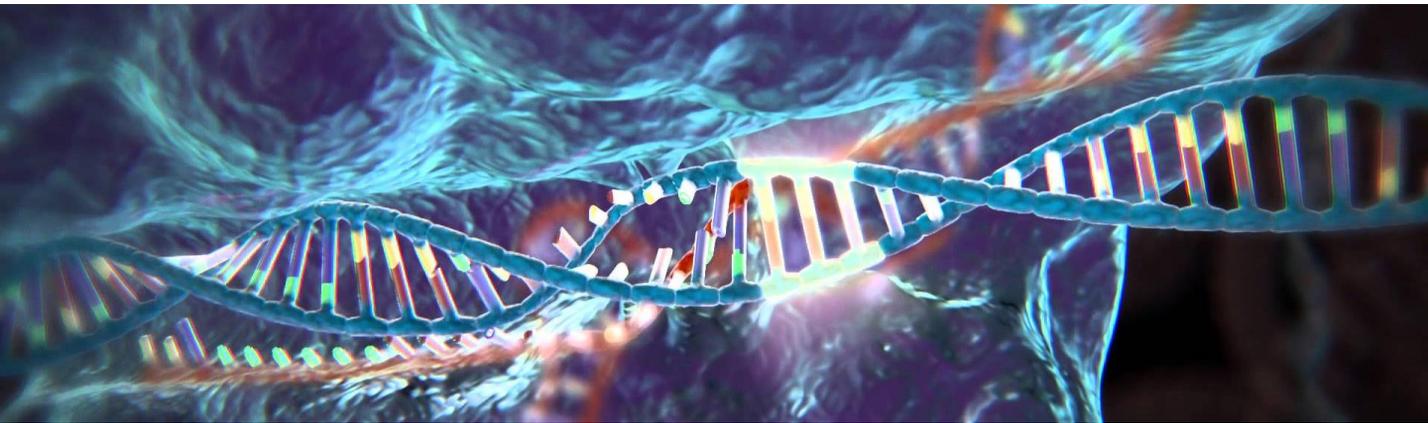


CRISPR/Cas9 Starter Kit



Start Crispering The Easy Way!

The CRISPR/Cas9 starter kit from IDT supplies all reagents necessary for a complete genome editing experiment.

Use of the CRISPR (clustered regularly interspaced short palindromic repeats) and associated Cas9 enzyme for genome editing has been a major technological breakthrough. The Alt-R® CRISPR-Cas9 System is an optimized genome editing solution that outperforms other CRISPR approaches for producing on-target, double-stranded DNA breaks:

- Controlled delivery, high targeting efficiency, reduced off-target effects
- Chemically modified targeting RNAs for improved stability
- Industry-leading HiFi Cas9 enzymes with unsurpassed specificity
- Protect your cells from toxicity or innate immune response activation



Kit Components

Kit Item	Order #	Amount	Description	Price (CHF)
2 crRNAs	Custom	2 nmole each	Two custom crRNAs targeting two different loci adjacent to a PAM site in your gene of interest	220.50
tracrRNA	1072532	5 nmole	The tracrRNA assembles together with a custom crRNA and the Cas9 protein into the RNP complex	110.25
Cas9 nuclease	1074181 1078727	100 µg	Standard or HiFi Cas9 enzyme, part of the RNP complex	225.75
Electroporation enhancer	1075915	2 nmole	Enhances efficiency when introducing the RNA complex into target cells via electroporation	52.50
CRISPR-Cas9 control kit	1072554 1072555 1072556	1 kit	Separate kits for human, mouse, or rat. Includes tracrRNA, HPRT positive control crRNA, negative control crRNA#1, HPRT Primer Mix, and Nuclease-Free Duplex Buffer.	173.25
Genome editing detection kit	1075931	1 kit (25 rxns)	For detection of on-target or known off-target CRISPR events in cultured cells. The T7 endonuclease I (T7EI) mismatch cleavage assay detects on-target genome editing and estimates genome editing efficiency in CRISPR-treated cells.	110.25
IDTE buffer, pH 7.5	11-01-02-02	10 x 2 ml	1x TE buffer pH 7.5, nuclease-free, sterile, for resuspension of RNP complexes	20.85
Total				913.35

Ordering Information

Order directly via the IDT-LubioScience portal at eu.idtdna.com →

Or contact us and we will help you place your order:

info@lubio.ch - www.lubio.ch - Phone 041 417 02 80

References and Links

Visit eu.idtdna.com for more information →

Access CRISPR guides and protocols →

Watch CRISPR tutorial videos →

