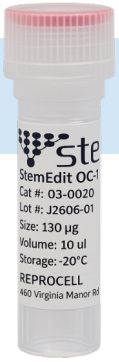
StemEdit OC-1 Protein

REPROCELL Stemgent

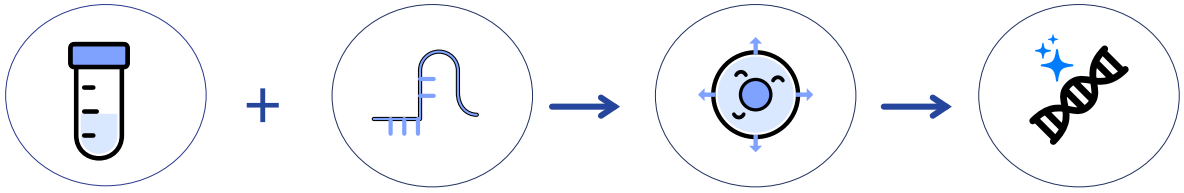
AI-designed Cas Alternative Genome Editing Nuclease



GENOME EDITING PROTEIN FOR USE IN YOUR OWN LAB

Buy the protein. Add your gRNA. Edit your cells.

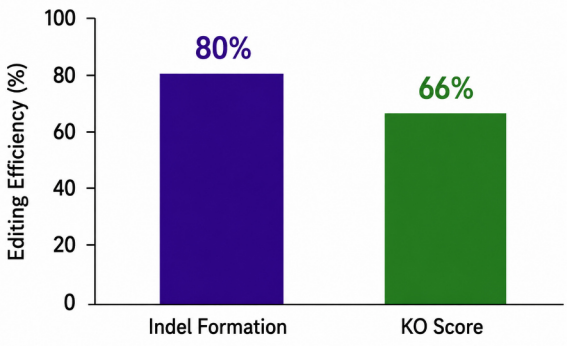
StemEdit OC-1 Protein is a recombinant AI-designed Cas alternative genome editing nuclease engineered for **high-efficiency** gene knockout and knock-in workflows with **reduced off-target activity**.



Why Choose OC-1 Protein?

- AI-designed nuclease architecture
- Recombinant protein format
- High editing efficiency
- Strong on-target performance
- Reduced off-target activity
- Broad cell type compatibility
  iPSCs • Primary cells • CHOs • HEK • more

Validated Editing Performance



StemEdit OC-1 Protein QC assay performed in hiPSCs using a test gRNA and target cell line, analyzed with the ICE App.

Applications

Gene Knockout

Gene Knock-in

Cell Engineering

Disease Modeling

Translational Research

REPROCELL Cat. No.	Description	Size
03-0020	**StemEdit OC-1 Protein***	130 µg (10 µL)
03-0020-GMP	**GMP StemEdit OC-1 Protein***	130 µg (10 µL)

*StemEdit OC-1 Protein is based on OpenCRISPR-1™ technology and is subject to Profluent Bio's terms. Commercial use requires a separate agreement with Profluent Bio.

https://www.reprocell.com/product-catalog/stem-cell-reagents/gene-editing-products/stemedit-oc-1-protein