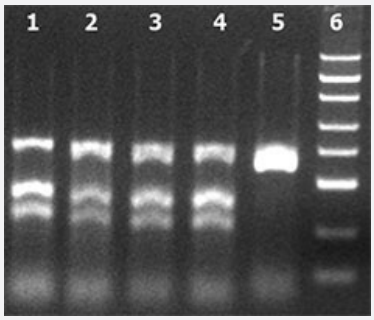
Cas9-N-NLS Nuclease

Catalog # P7069 Size 500 ug

Applications



Lane 1: gRNA + Cas9-N-NLS
Lane 2: gRNA + Merck
Lane 3: gRNA + IDT
Lane 4: gRNA + Thermo
Lane 5: negative control
Lane 6: marker

Specification

Product Description	RNA-guided endonuclease expressed in an *Escherichia coli* with Cas9 nuclease from *Streptococcus pyogenes* with a N terminal end nuclear localization signal (NLS).
Host	Escherichia coli
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Quality Control Testing	Cleavage assay Lane 1: gRNA + Cas9-N-NLS Lane 2: gRNA + Merck Lane 3: gRNA + IDT Lane 4: gRNA + Thermo Lane 5: negative control Lane 6: marker
Recommend Usage	CRISPR Genomic editing The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM Tris, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, pH7.4 (50% glycerol).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

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Applications

- CRISPR Genomic Editing

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