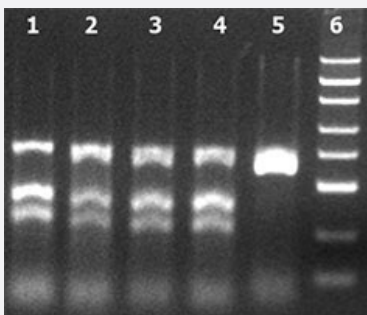


# Cas9-N-NLS Nuclease

Catalog # P7067      Size 1 mg

## 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

<b>Product Description</b>	RNA-guided endonuclease expressed in an <i>Escherichia coli</i> with Cas9 nuclease from <i>Streptococcus pyogenes</i> with a N terminal end nuclear localization signal (NLS).
<b>Host</b>	<i>Escherichia coli</i>
<b>Form</b>	Liquid
<b>Preparation Method</b>	<i>Escherichia coli</i> expression system
<b>Quality Control Testing</b>	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
<b>Recommend Usage</b>	CRISPR Genomic editing The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM Tris, 300 mM NaCl, 0.1 mM EDTA, 1 mM DTT, pH7.4 (50% glycerol).
<b>Storage Instruction</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- CRISPR Genomic Editing