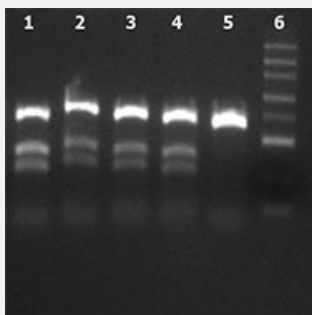


NLS-Cas9-NLS Nuclease

Catalog # P7070 Size 1 mg

Applications



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

Applications

- CRISPR Genomic Editing