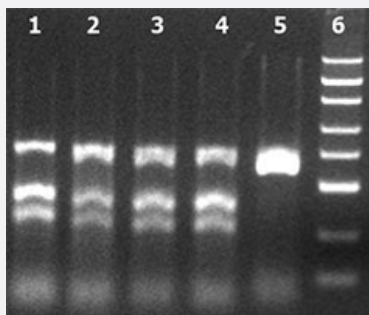


Cas9-N-NLS Nuclease

Catalog # P7068

Size 100 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.

Applications

- CRISPR Genomic Editing