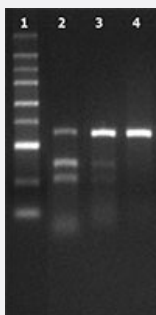


# NLS-Cas9-EGFP Nuclease

Catalog # P7065      Size 100 ug

## Applications



Lane 1: marker  
Lane 2: gRNA + NLS-Cas9-EGFP  
Lane 3: gRNA + Merck-EGFP  
Lane 4: negative control

## Specification

<b>Product Description</b>	Fusion protein Cas9 nuclease expressed in an <i>Escherichia coli</i> with a N terminal end nuclear localization signal (NLS) and a C terminal end an EGFP.
<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: marker Lane 2: gRNA + NLS-Cas9-EGFP Lane 3: gRNA + Merck-EGFP Lane 4: negative control
<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