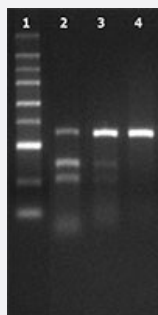


NLS-Cas9-EGFP Nuclease

Catalog # P7064 Size 1 mg

Applications



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

Specification

Product Description	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.
Host	<i>Escherichia coli</i>
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Quality Control Testing	Cleavage assay Lane 1: marker Lane 2: gRNA + NLS-Cas9-EGFP Lane 3: gRNA + Merck-EGFP Lane 4: negative control
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