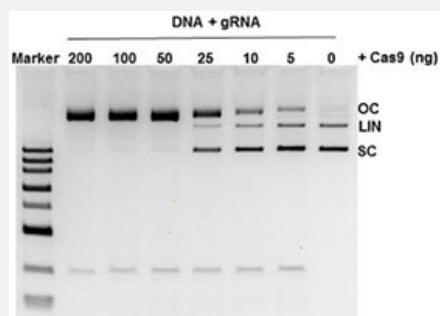


NLS-Cas9-D10A Nickase

Catalog # P7059 Size 50 ug

Applications



Cleavage products were resolved on a 1% agarose gel. Input DNA is pUC57 plasmid DNA (OC, open circular; LIN, linearized; SC, supercoiled).

Specification

Product Description	Highly purified mutant protein expressed in <i>Escherichia coli</i> with mutated Cas9 gene from <i>Streptococcus pyogenes</i> .
Host	<i>Escherichia coli</i>
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Quality Control Testing	Cleavage assay Cleavage products were resolved on a 1% agarose gel. Input DNA is pUC57 plasmid DNA (OC, open circular; LIN, linearized; SC, supercoiled).
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, 1 mM DTT, pH7.4 (50% glycerol).
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- CRISPR Genomic Editing