

GeneHero™ Cas9 NLS, *S. pyogenes* protein

Catalog number:	GE002
Product:	Cas9 Nuclease, <i>Streptococcus pyogenes</i>
Expressed in:	<i>E. coli</i>
Description:	GeneHero™ Cas9 Nuclease is a recombinant protein, purified for genome engineering experiments. It contains the nuclear localization sequence (NLS), which aids in transport of Cas9 protein to the nucleus. Cas9 protein forms a stable complex with sgRNA and can be used for both <i>in vitro</i> and <i>in vivo</i> applications.
Size:	100 µg
Concentration:	1 mg/ml
Storage buffer:	10 mM Tris-HCl , 0.3 M NaCl , 1 mM DTT , 0.1 mM EDTA , 50 % Glycerol, (pH 7.4)
Storage:	-20 °C
Protein tag/fusion:	Untagged
Shelf life:	24 months from the date of manufacture
Quality control:	Each lot is tested by SDS-PAGE for purity, <i>in vitro</i> and <i>in vivo</i> cleavage assays, endonuclease activity, DNase/RNase activity and bacteria/fungi/mycoplasma contamination assessment. Please refer to the CoA for details.

Citation of product: If use of this item results in a publication, please use this information: Cas9 NLS, *S. pyogenes* (GE002, GeneCopoeia, Inc., Rockville, MD).

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