

RPPB1473

Product Information Protein Information

Product SKU:

RPPB1473

Accession:

Q99ZW2

Host:

Escherichia Coli.

Protein description:

Recombinant Cas9-NLS produced in E.coli, comprises the entire Cas9 protein sequence (1368 amino acids) joined to a proprietary nuclear localization sequence (NLS) and a 6xHis tag at the C-terminus, having a total of 1414 amino acids. The protein has an apparent molecular weight of 163kDa.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

CRISPR-associated endonuclease Cas9/Csn1, SpyCas9, cas9, csn1.

Formulation:

The CAS9 solution contains 10mM Tris-HCl, 300mM NaCl, 0.1mM EDTA, 50% glycerol and 1mM DTT pH 7.5.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.