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Product Datasheet

Recombinant Streptococcus pyogenes M1 Cas9 Protein, E. coli ABB-RPT0012LQ

Article Name	Recombinant Streptococcus pyogenes M1 Cas9 Protein, E. coli
Biozol Catalog Number	ABB-RPT0012LQ
Supplier Catalog Number	RPT0012LQ
Alternative Catalog Number	ABB-RPT0012LQ-100UG, ABB-RPT0012LQ-1000UG, ABB-RPT0012LQ-50UG, ABB-RPT0012LQ-500UG
Manufacturer	ABclonal
Host	E. coli
Category	Proteine/Peptide
Species Reactivity	Bacteria
Immunogen	Asp2-Asp1368
Product Description	Streptococcus pyogenes Cas9 (CRISPR associated protein 9) is a 160 kDa RNA guided endonuclease that introduces site specific cleavage of double strand DNA. It is part of the Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR) system fo...
Concentration	Please contact us for more information.
Molecular Weight	16.67 kDa
NCBI	69900935
UniProt	Q99ZW2
Purity	90% as determined by SDS-PAGE.

Form	Supplied as a 0.22 µm filtered solution in 10mM Tris, 300mM NaCl, 0.1mM EDTA, 1mM DTT, 50% Glycerol, pH7.4.
Sequence	DKKYSIGLDIGTNSVGWAVITDEYKVPSKKFKVLGNTDRHSIKKNLIGALLFDS GETAEATRLKRTARRRYTRRKNRICYLQEIFSNEMAKVDDSFHRLEESFLVEE DKKHERHPIFGNIVDEVAYHEKYPTIYHLRKKLVDSTDKADLRILIYLAHMIKF RGHFLIEGDLNPDNSDVKLFIQLVQTYNQLFEENPINASGVDAKAILSARLSK SRRLLENLIAQLPGEKKNGLFGNLIALLSLGLTPNFKSNF
Target	cas9
Application Dilute	Supplied as a 0.22 µm filtered solution in 10mM Tris, 300mM NaCl, 0.1mM EDTA, 1mM DTT, 50% Glycerol, pH7.4.
Application Notes	ResearchArea: Tool proteins