Ribonuclease HIII (rnhC) Oceanobacillus Iheyensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease HIII (rnhC), Recombinant Protein
Full Product Name	Recombinant Oceanobacillus iheyensis Ribonuclease HIII (rnhC)
Product Gene Name	rnhC recombinant protein
Product Synonym Gene Name	rnhC
Sequence	MSQQVIVTTK EQIQKMKKYY LSQLTSTPQG AIFRAKTNNA VITAYQSGKV LFQGSAPESE ASKWGNVPLN DKKKHSLEQK HSYSPQAELF TDNHIGSDEA GTGDYFGPIT VAALFATKEQ QLKLKQIGVR DSKHLNDTKI KQIAKEIAHL QIPYSLLLLP NGKYNKLQAK GWSQGKMKAM LHHHAIDKLL QKIDVRSLKG IVIDQFCQPP VYKKYLQSEK KTLHPNTTFI TKAESHSISV AAASILARAR FVNAMDELSE EAKMELPKGA SAKVDQTAAR LIRSKGFEEL DKYAKTHFAN TQKAQKLL
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	34,433 Da
Sequence Positions	1-308, Full length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q8EPH7
Species	Oceanobacillus iheyensis (strain DSM 14371 / JCM 11309 / KCTC 3954 / HTE831)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnhC recombinant protein	MBS1436988 is a recombinant protein targeting rnhC. Also known as Recombinant Oceanobacillus iheyensis Ribonuclease HIII (rnhC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnhC recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for rnhC. It may not necessarily be applicable to this product.

NCBI GI #	499378944
NCBI Accession #	WP_011066522.1
UniProt Primary Accession #	Q8EPH7
GenBank Nucleotide #	WP_011066522.1
NCBI Official Full Name	ribonuclease HIII

UniProt Protein Name	Ribonuclease HIII
Protein Family	Ribonuclease
UniProt Gene Name	rnhC
UniProt Synonym Gene Names	RNase HIII
UniProt Comments for rnhC	Endonuclease that specifically degrades the RNA of RNA-DNA hybrids.
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