Ribonuclease Hi (rnhA) Streptomyces Coelicolor Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease HI (rnhA), Recombinant Protein
Full Product Name	Recombinant Streptomyces coelicolor Ribonuclease HI (rnhA)
Product Gene Name	rnhA recombinant protein
Product Synonym Gene Name	rnhA
Sequence	MRERAVAACD GASKGNPGPA GWAWVVADAS ENPVRWEAGP LGKATNNIAE LTALERLLAS TDPDVPLEVR MDSQYAMKAV TTWLPGWKRN GWKTAAGKPV ANRELVVRID ELLDGRSVEF RYVPAHQVDG DRLNDFADRA ASQAAVVQEA AGSALGSPEP PPAPDVPAAR RAPRRGSSGA ARKGGGGSSA RTIKAKFPGR CLCGRPYAAG EPIAKNDQGW GHPECRTVAA G
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	24,297 Da
Sequence Positions	1-231, Full length protein
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 Q9X7R6
Species	Streptomyces coelicolor (strain BAA-471 / A3(2) / M145)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnhA recombinant protein	MBS1471583 is a recombinant protein targeting rnhA. Also known as Recombinant Streptomyces coelicolor Ribonuclease HI (rnhA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnhA 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 rnhA. It may not necessarily be applicable to this product.

NCBI GI #	21225561
NCBI GeneID	1102722
NCBI Accession #	NP_631340.1
UniProt Primary Accession #	Q9X7R6
GenBank Nucleotide #	NC_003888.3

NCBI Official Full Name	ribonuclease H
NCBI Official Symbol	SCO7284
NCBI Official Synonym Symbols	rnhA; SC5H1.08c
UniProt Protein Name	Ribonuclease HI
Protein Family	14.7 kDa ribonuclease H-like protein
UniProt Gene Name	rnhA
UniProt Synonym Gene Names	RNase HI
NCBI Protein Information	ribonuclease H
UniProt Comments for rnhA	Endonuclease that specifically degrades the RNA of RNA-DNA hybrids.
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