Ribonuclease Pancreatic (RNASE1) Pongo Pygmaeus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease pancreatic (RNASE1), Recombinant Protein
Full Product Name	Recombinant Pongo pygmaeus Ribonuclease pancreatic (RNASE1)
Product Gene Name	RNASE1 recombinant protein
Product Synonym Gene Name	RNASE1
Sequence	KESRAKKFQR QHMDSGSSPN SNSTYCNQMM RRRNMTQGRC KPVNTFVHEP LVDVQNVCFQ EKVTCKNGQG NCYKSNSSMH ITDCRLTHGS RYPNCAYRTS TKERHIIVAC EGSPYVPVHF DASVEDST
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	17,608 Da
Sequence Positions	29-156, 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 Q8SQ12
Species	Pongo pygmaeus (Bornean orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RNASE1 recombinant protein	MBS1353493 is a recombinant protein targeting RNASE1. Also known as Recombinant Pongo pygmaeus Ribonuclease pancreatic (RNASE1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RNASE1 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 RNASE1. It may not necessarily be applicable to this product.

NCBI GI #	48428556
NCBI Accession #	Q8SQ12.1
UniProt Primary Accession #	Q8SQ12
UniProt Secondary Accession #	Q1KHR1; Q5R5A9
NCBI Official Full Name	Ribonuclease pancreatic
UniProt Protein Name	Ribonuclease pancreatic

UniProt Synonym Protein Names	RNase 1; RNase A
Protein Family	Ribonuclease pancreatic
UniProt Gene Name	RNASE1
UniProt Synonym Gene Names	RNS1
UniProt Comments for RNASE1	Endonuclease that catalyzes the cleavage of RNA on the 3' side of pyrimidine nucleotides. Acts on single-stranded and double-stranded RNA ().
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