Ribonuclease Pancreatic Beta-Type Rattus Exulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease pancreatic beta-type, Recombinant Protein
Full Product Name	Recombinant Rattus exulans Ribonuclease pancreatic beta-type
Product Synonym Names	Ribonuclease pancreatic beta-type; EC=3.1.27.5; RNase 1 gamma
Sequence	VESRE SSADKFKRQH MDPESPSKSS PTYCNQMMKR QGMTKGSCKP VNTFVHEPLE DVQAICSQGQ VTCKNGRNNC HKSSSTLHIT ECRLKGSSKY PNCEYTTTDS QKHIIIACEG NPLVPVHYDD TV
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	16,938 Da
Sequence Positions	26-152aa; 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 Q9WUX3
Species	Rattus exulans (Polynesian rat) (Small spiny rice-field rat)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ribonuclease pancreatic beta-type recombinant protein	MBS1304142 is a recombinant protein targeting Ribonuclease pancreatic beta-type. Also known as Recombinant Rattus exulans Ribonuclease pancreatic beta-type. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ribonuclease pancreatic beta-type 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 Ribonuclease pancreatic beta-type. It may not necessarily be applicable to this product.

NCBI GI #	13124500
NCBI Accession #	Q9WUX3.1
UniProt Primary Accession #	Q9WUX3
NCBI Official Full Name	Ribonuclease pancreatic beta-type
UniProt Protein Name	Ribonuclease pancreatic beta-type
UniProt Synonym Protein Names	RNase 1 gamma

Protein Family	Ribonuclease pancreatic
UniProt Entry Name	RNS1B_RATEX
UniProt Comments for Ribonuclease pancreatic beta-type	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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