Ribonuclease 4 (RNASE4) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease 4 (RNASE4), Recombinant Protein
Full Product Name	Recombinant Pongo abelii Ribonuclease 4 (RNASE4)
Product Gene Name	RNASE4 recombinant protein
Product Synonym Gene Name	RNASE4
Sequence	QDGMYQRFLR QHVHPEETGG NDRYCNLMMQ RRKMTLYHCK RFNTFIHEDI WNIRSICSTT NIQCKNGKTN CHEGVVKVTD CRDTGSSRAP NCRYRAMAST RRVVIACEGN PQVPVHFDG
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	16,855 Da
Sequence Positions	29-147, 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 Q5NVS4
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for RNASE4 recombinant protein	MBS1477789 is a recombinant protein targeting RNASE4. Also known as Recombinant Pongo abelii Ribonuclease 4 (RNASE4). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of RNASE4 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 RNASE4. It may not necessarily be applicable to this product.

NCBI GI #	197102896
NCBI GeneID	100174757
NCBI Accession #	NP_001127675.1
UniProt Primary Accession #	Q5NVS4
UniProt Related Accession #	Q5NVS4
GenBank Nucleotide #	NM_001134203.2

NCBI Official Full Name	ribonuclease 4
NCBI Official Symbol	RNASE4
NCBI Official Synonym Symbols	RAB1
UniProt Protein Name	Ribonuclease 4
Protein Family	Ribonuclease
UniProt Gene Name	RNASE4
UniProt Synonym Gene Names	RNase 4
NCBI Protein Information	ribonuclease 4
UniProt Comments for RNASE4	This RNase has marked specificity towards the 3' side of uridine nucleotides.
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