Ribonuclease Bn (rbn) Escherichia Coli O6 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease BN (rbn), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O6 Ribonuclease BN (rbn)
Product Gene Name	rbn recombinant protein
Product Synonym Gene Name	rbn
Sequence	MELIFLGTSA GVPTRTRNVT AILLNLQHPT QSGLWLFDCG EGTQHQLLHT AFNPGKLDKI FISHLHGDHL FGLPGLLCSR SMSGIIQPLT IYGPHGIREF VETALRISGS WTDYPLEIVE IGAGEIFDDG LRKVTAYPME HPLECYGYRI EEHDKPGALN AQALKAAGVP PGPLFQELKA GKTIMLDDGR QINGADYLAV PVPGKALAIF GDTGPCDAAL ELAKGVDVMV HEATLDMAME AKANSRGHSS TRQAAALARE AGVGKLIITH VSSRYDDKGC QHLLRECRSI FPATELANDF AVFSI
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	32,964 Da
Sequence Positions	1-305, 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 Q8FFK8
Species	Escherichia coli O6
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rbn recombinant protein	MBS1322984 is a recombinant protein targeting rbn. Also known as Recombinant Escherichia coli O6 Ribonuclease BN (rbn). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rbn 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 rbn. It may not necessarily be applicable to this product.

NCBI GI #	446342260
NCBI Accession #	WP_000420115.1
UniProt Primary Accession #	Q8FFK8
GenBank Nucleotide #	WP_000420115.1
NCBI Official Full Name	MULTISPECIES: ribonuclease Z

UniProt Protein Name	Ribonuclease BN
UniProt Synonym Protein Names	Ribonuclease Z homolog
Protein Family	Ribonuclease
UniProt Gene Name	rbn
UniProt Synonym Gene Names	RNase BN; RNase Z homolog
UniProt Comments for rbn	Zinc phosphodiesterase, which has both exoribonuclease and endoribonuclease activities.
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