Exoribonuclease 2 (rnb) Escherichia Coli O157:h7 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Exoribonuclease 2 (rnb), Recombinant Protein
Full Product Name	Recombinant Escherichia coli O157:H7 Exoribonuclease 2 (rnb)
Product Gene Name	rnb recombinant protein
Product Synonym Gene Name	rnb
Sequence	MFQDNPLLAQ LKQQLHSQTP RAEGVVKATE KGFGFLEVDA QKSYFIPPPQ MKKVMHGDRI IAVIHSEKER ESAEPEELVE PFLTRFVGKV QGKNDRLAIV PDHPLLKDAI PCRAARGLNH EFKEGDWAVA EMRRHPLKGD RSFYAELTQY ITFGDDHFVP WWVTLARHNL EKEAPDGVAT EMLDEGLVRK DLTALDFVTI DSASTEDMDD ALFAKALPDD KLQLIVAIAD PTAWIAEGSK LDKAAKIRAF TNYLPGFNIP MLPRELSDDL CSLRANEVRP VLACRMTLSA DGTIEDNIEF FAATIESKAK LVYDQVSDWL ENTGDWQPES EAIAEQVRLL AQICQRRGEW RHNHALVFKD RPDYRFILGE KGEVLDIVAE PRRIANRIVE EAMIAANICA ARVLRDKLGF GIYNVHMGFD PANADALAAL LKTHGLHVDA EEVLTLDGFC KLRRELDAQP TGFLDSRIRR FQSFAEISTE PGPHFGLGLE AYATWTSPIR KYGDMINHRL LKAVIKGETA TRPQDEITVQ MAERRRLNRM AERDVGDWLY ARFLKDKAGT DTRFAAEIVD ISRGGMRVRL VDNGAIAFIP APFLHAVRDE LVCSQENGTV QIKGETVYKV TDVIDVTIAE VRMETRSIIA RPVA
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	72,490 Da
Sequence Positions	1-644, 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 Q8X7D6
Species	Escherichia coli O157:H7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnb recombinant protein	MBS1339942 is a recombinant protein targeting rnb. Also known as Recombinant Escherichia coli O157:H7 Exoribonuclease 2 (rnb). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnb 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 rnb. It may not necessarily be applicable to this product.

NCBI GI #	15831113
NCBI GeneID	912791

NCBI Accession #	NP_309886.1
UniProt Primary Accession #	Q8X7D6
GenBank Nucleotide #	NC_002695.1
NCBI Official Full Name	exoribonuclease II
NCBI Official Symbol	ECs1859
UniProt Protein Name	Exoribonuclease 2
UniProt Synonym Protein Names	Exoribonuclease II
Protein Family	Exoribonuclease
UniProt Gene Name	rnb
UniProt Synonym Gene Names	RNase II; Ribonuclease II
NCBI Protein Information	exoribonuclease II
UniProt Comments for rnb	Involved in mRNA degradation. Hydrolyzes single-stranded polyribonucleotides processively in the 3' to 5' direction.
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