Ribonuclease D (rnd) Granulibacter Bethesdensis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribonuclease D (rnd), Recombinant Protein
Full Product Name	Recombinant Granulibacter bethesdensis Ribonuclease D (rnd)
Product Gene Name	rnd recombinant protein
Product Synonym Gene Name	rnd
Sequence	MSRQSRSRFP SPTLITKSED LAALCTTLRR EPYVTIDTEF MRERTYWPEL CVVQLGGADC VAVIDTLAPE LDLAPVGELL ADPAVIKVFH ACRQDIEIFL LRFGSIPQPM FDTQVAAMVA GFGDQVGYDT LVSSLTGGHI DKAHRFSDWS RRPLSQAQID YAAADVTHLR GVYETLRDRL EKEGRLAWVS EEMAVLNDPA TYRTDPVTMW ERLRPRTNNR RYLGLLRAIC AWREVEAQRL NIPRQRLIKD ESLLEIAATS PADAESLAQA RGVGRGFAEG RSGATLLAAI AEARGLPDAD LPAIPRSRES GARPSPALVS LLKVLLAAKS EQHNVAPKLL ASSEDLDRLA TEAEPDVPAL TGWRRDVFGQ DALALKNGEI CLGVDGKQIK LITTG
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	43,449 Da
Sequence Positions	1-395, 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 Q0BVP4
Species	Granulibacter bethesdensis (strain BAA-1260 / CGDNIH1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rnd recombinant protein	MBS1333541 is a recombinant protein targeting rnd. Also known as Recombinant Granulibacter bethesdensis Ribonuclease D (rnd). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rnd 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 rnd. It may not necessarily be applicable to this product.

NCBI GI #	759741902
NCBI Accession #	WP_043452603.1
UniProt Primary Accession #	Q0BVP4
GenBank Nucleotide #	WP_043452603.1

NCBI Official Full Name	ribonuclease D
UniProt Protein Name	Ribonuclease D
Protein Family	Ribonuclease
UniProt Gene Name	rnd
UniProt Synonym Gene Names	RNase D
UniProt Comments for rnd	Exonuclease involved in the 3' processing of various precursor tRNAs. Initiates hydrolysis at the 3'-terminus of an RNA molecule and releases 5'-mononucleotides.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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