Ribosomal Large Subunit Pseudouridine Synthase B (rluB) Vibrio Parahaemolyticus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal large subunit pseudouridine synthase B (rluB), Recombinant Protein
Full Product Name	Recombinant Vibrio parahaemolyticus Ribosomal large subunit pseudouridine synthase B (rluB)
Product Gene Name	rluB recombinant protein
Product Synonym Gene Name	rluB
Sequence	MSEKLQKVLA RAGHGSRREI ESLIKSGRVS VNGVVAKLGE RLEDESSVVR IDGHIVSAKV QEEVICRVLA YYKPEGELCT RHDPEGRRTV FDRLPKIRGS RWISVGRLDA NTSGLLLFTT DGELANRLMH PSRQVEREYL VRVFGEVTEQ KVRNLVKGVE LEDGLARFED VVYAGGEGMN HTFYVVINEG RNREVRRLWE SQECTVSRLK RVRYGDIFLD KKLPRGGWME LDLKEVNYLR ELVELRPEKE TMLDLSKDNT SRKRERARSQ KIRRAVKRHE ERVSTSKGRS NNPARRKPKK NAGEQGARNK HR
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	35,996 Da
Sequence Positions	1-312, Full length
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 Q87NB7
Species	Vibrio parahaemolyticus
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rluB recombinant protein	MBS1312072 is a recombinant protein targeting rluB. Also known as Recombinant Vibrio parahaemolyticus Ribosomal large subunit pseudouridine synthase B (rluB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rluB 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 rluB. It may not necessarily be applicable to this product.

NCBI GI #	28898725
NCBI GeneID	1189462
NCBI Accession #	NP_798330.1
UniProt Primary Accession #	Q87NB7

UniProt Related Accession #	Q87NB7
GenBank Nucleotide #	NC_004603.1
NCBI Official Full Name	pseudouridine synthase family 1 protein
NCBI Official Symbol	VP1951
UniProt Protein Name	Ribosomal large subunit pseudouridine synthase B
UniProt Synonym Protein Names	23S rRNA pseudouridine(2605) synthase; rRNA pseudouridylate synthase B; rRNA-uridine isomerase B
Protein Family	Ribosomal large subunit pseudouridine synthase
UniProt Gene Name	rluB
NCBI Protein Information	23S rRNA pseudouridylate synthase B
UniProt Comments for rluB	Responsible for synthesis of pseudouridine from uracil-2605 in 23S ribosomal RNA.
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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