50s Ribosomal Protein L21 (rplU) Rhodopseudomonas Palustris Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L21 (rplU), Recombinant Protein
Full Product Name	Recombinant Rhodopseudomonas palustris 50S ribosomal protein L21 (rplU)
Product Gene Name	rplU recombinant protein
Product Synonym Gene Name	rplU
Sequence	MFAVIKTGGR QYRVVPDDVL EIGKIAGDVG TIIQLGEVLM LGGDTPVLGL PTVAGATVAA EVLQHKRGPK VISFKKRRRK NSKRKRGYRD EITVLRITEI LADGKAPSIG PRPPREKKPV VETSAEADDA AA
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	14,195 Da
Sequence Positions	1-132, 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 Q21D08
Species	Rhodopseudomonas palustris (strain BisB18)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplU recombinant protein	MBS1346553 is a recombinant protein targeting rplU. Also known as Recombinant Rhodopseudomonas palustris 50S ribosomal protein L21 (rplU). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplU 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 rplU. It may not necessarily be applicable to this product.

NCBI GI #	499789902
NCBI Accession #	WP_011470636.1
UniProt Primary Accession #	Q21D08
GenBank Nucleotide #	WP_011470636.1
NCBI Official Full Name	50S ribosomal protein L21
UniProt Protein Name	50S ribosomal protein L21

Protein Family	50S ribosomal protein
UniProt Gene Name	rplU
UniProt Comments for rplU	This protein binds to 23S rRNA in the presence of protein L20.
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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