50s Ribosomal Protein L16 (rplP) Prochlorococcus Marinus Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L16 (rplP), Recombinant Protein
Full Product Name	Recombinant Prochlorococcus marinus 50S ribosomal protein L16 (rplP)
Product Gene Name	rplP recombinant protein
Sequence	MLSPKRTKFR KQHRGRMRGV ASKGNTIAFG QFALQAQDCG WVTARQIEAS RRAMTRYIKR GGQIWIRIFP DKPVTMRPAE TRMGSGKGNP EFWVAVVKPG RILFEMGGED ITEEVAKEAM RLAQYKLPVK TKFISIDKNL EAPSQEKTKN SKKSQEEVKQ
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	18,241 Da
Sequence Positions	1-160, 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 A8G754
Species	Prochlorococcus marinus (strain MIT 9215)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplP recombinant protein	MBS1165708 is a recombinant protein targeting rplP. Also known as Recombinant Prochlorococcus marinus 50S ribosomal protein L16 (rplP). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplP 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 rplP. It may not necessarily be applicable to this product.

NCBI GI #	500856937
NCBI Accession #	WP_012008441.1
UniProt Primary Accession #	A8G754
GenBank Nucleotide #	WP_012008441.1
NCBI Official Full Name	50S ribosomal protein L16
UniProt Protein Name	50S ribosomal protein L16
Protein Family	50S ribosomal protein

UniProt Gene Name	rplP
UniProt Comments for rplP	Binds 23S rRNA and is also seen to make contacts with the A and possibly P site tRNAs.
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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