50s Ribosomal Protein L19 (rplS) Trichodesmium Erythraeum Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L19 (rplS), Recombinant Protein
Full Product Name	Recombinant Trichodesmium erythraeum 50S ribosomal protein L19 (rplS)
Product Gene Name	rplS recombinant protein
Product Synonym Gene Name	rplS
Sequence	MKAQEIISSI EAEEIEKLKQ NSKKKIPLLY VGDTVKVGVK IIEGGKERVQ PYEGTIIAMR NGGINETITV RRVFQGVGVE RVFLLHSPRI ANIKLIRRGK VRRAKLYYLR GRVGKATRVK QRFDRSL
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	14,502 Da
Sequence Positions	1-127, 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 Q119S3
Species	Trichodesmium erythraeum (strain IMS101)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplS recombinant protein	MBS1283655 is a recombinant protein targeting rplS. Also known as Recombinant Trichodesmium erythraeum 50S ribosomal protein L19 (rplS). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplS 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 rplS. It may not necessarily be applicable to this product.

NCBI GI #	499929413
NCBI Accession #	WP_011610147.1
UniProt Primary Accession #	Q119S3
GenBank Nucleotide #	WP_011610147.1
NCBI Official Full Name	50S ribosomal protein L19
UniProt Protein Name	50S ribosomal protein L19

Protein Family	50S ribosomal protein
UniProt Gene Name	rplS
UniProt Comments for rplS	This protein is located at the 30S-50S ribosomal subunit interface and may play a role in the structure and function of the aminoacyl-tRNA binding site.
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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