50s Ribosomal Protein L6 (rplF) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L6 (rplF), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. 50S ribosomal protein L6 (rplF)
Product Gene Name	rplF recombinant protein
Product Synonym Gene Name	rplF
Sequence	MSRIGRRPIA LPAKVEIQID GQHIAVKGPK GQLSRSLPPL ITVQQNAQML TVSRLNDSRP ARQLHGLCRT LVANMVDGVS KGFERRLELV GVGYRAAIQG SKLVLNVGYS HPVEIPFPPG IQIAVEGNNI IVVSGTDKEL VGNTAARIRA VRPPEPYKGK GIRYLGEQVR RKAGKSGKAK K
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	19,609 Da
Sequence Positions	1-181, 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 Q2JIL3
Species	Synechococcus sp. (strain JA-2-3B'a(2-13)) (Cyanobacteria bacterium Yellowstone B-Prime)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplF recombinant protein	MBS1424871 is a recombinant protein targeting rplF. Also known as Recombinant Synechococcus sp. 50S ribosomal protein L6 (rplF). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplF 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 rplF. It may not necessarily be applicable to this product.

NCBI GI #	499753432
NCBI Accession #	WP_011434166.1
UniProt Primary Accession #	Q2JIL3
GenBank Nucleotide #	WP_011434166.1
NCBI Official Full Name	50S ribosomal protein L6
UniProt Protein Name	50S ribosomal protein L6

Protein Family	50S ribosomal protein
UniProt Gene Name	rplF
UniProt Comments for rplF	This protein binds to the 23S rRNA, and is important in its secondary structure. It is located near the subunit interface in the base of the L7/L12 stalk, and near the tRNA binding site of the peptidyltransferase center.
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