50s Ribosomal Protein L11 (rplK) Synechococcus Elongatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L11 (rplK), Recombinant Protein
Full Product Name	Recombinant Synechococcus elongatus 50S ribosomal protein L11 (rplK)
Product Gene Name	rplK recombinant protein
Product Synonym Gene Name	rplK
Sequence	MAKKVVALIK LALPAGKANP APPVGPALGQ HGVNIMAFCK EYNARTQDKV GLVIPVEISV FEDRSFTFIL KTPPASVLIA KAAGIERGSG NPNKTKVGKI TTAQLREIAE TKLPDLNTKN VEAAMRIVEG TARNMGVTIA D
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	14,903 Da
Sequence Positions	1-141, 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 Q31QK3
Species	Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplK recombinant protein	MBS1480838 is a recombinant protein targeting rplK. Also known as Recombinant Synechococcus elongatus 50S ribosomal protein L11 (rplK). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplK 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 rplK. It may not necessarily be applicable to this product.

NCBI GI #	499696922
NCBI Accession #	WP_011377656.1
UniProt Primary Accession #	Q31QK3
GenBank Nucleotide #	WP_011377656.1
NCBI Official Full Name	MULTISPECIES: 50S ribosomal protein L11
UniProt Protein Name	50S ribosomal protein L11

Protein Family	50S ribosomal protein
UniProt Gene Name	rplK
UniProt Comments for rplK	Forms part of the ribosomal stalk which helps the ribosome interact with GTP-bound translation factors.
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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