50s Ribosomal Protein L31 (rpmE) Thermosynechococcus Elongatus Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L31 (rpmE), Recombinant Protein
Full Product Name	Recombinant Thermosynechococcus elongatus 50S ribosomal protein L31 (rpmE)
Product Gene Name	rpmE recombinant protein
Product Synonym Gene Name	rpmE
Sequence	MPKPNIHPQW YPEAKVYCDG EVIMTVGSTK PELHVDIWSG NHPFFTGTQK IVDAEGRVER FRRKYSGTKP QQTAKGKKAA PKSTPKTNKK G
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	10,239 Da
Sequence Positions	1-91, 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 Q8DMK6
Species	Thermosynechococcus elongatus (strain BP-1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rpmE recombinant protein	MBS1323396 is a recombinant protein targeting rpmE. Also known as Recombinant Thermosynechococcus elongatus 50S ribosomal protein L31 (rpmE). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rpmE 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 rpmE. It may not necessarily be applicable to this product.

NCBI GI #	22297654
NCBI GeneID	1010373
NCBI Accession #	NP_680901.1
UniProt Primary Accession #	Q8DMK6
UniProt Related Accession #	Q8DMK6
GenBank Nucleotide #	NC_004113.1

NCBI Official Full Name	50S ribosomal protein L31
NCBI Official Symbol	rpmE
UniProt Protein Name	50S ribosomal protein L31
Protein Family	50S ribosomal protein
UniProt Gene Name	rpmE
NCBI Protein Information	50S ribosomal protein L31
UniProt Comments for rpmE	Binds the 23S rRNA.
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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