50s Ribosomal Protein L10 (rplJ) Bacillus Subtilis Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L10 (rplJ), Recombinant Protein
Full Product Name	Recombinant Bacillus subtilis 50S ribosomal protein L10 (rplJ)
Product Gene Name	rplJ recombinant protein
Sequence	SSAIETKKVV VEEIASKLKE SKSTIIVDYR GLNVSEVTEL RKQLREANVE FKVYKNTMTR RAVEQAELNG LNDFLTGPNA IAFSTEDVVA PAKVLNDFAK NHEALEIKAG VIEGKVSTVE EVKALAELPS REGLLSMLLS VLQAPVRNLA LAAKAVAEQK EEQGA
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	18,079 Da
Sequence Positions	2-166, 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 P42923
Species	Bacillus subtilis (strain 168)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplJ recombinant protein	MBS1247874 is a recombinant protein targeting rplJ. Also known as Recombinant Bacillus subtilis 50S ribosomal protein L10 (rplJ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplJ 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 rplJ. It may not necessarily be applicable to this product.

NCBI GI #	255767021
NCBI GeneID	936153
NCBI Accession #	NP_387985.2
UniProt Primary Accession #	P42923
UniProt Related Accession #	P42923
GenBank Nucleotide #	NC_000964.3
NCBI Official Full Name	50S ribosomal protein L10

NCBI Official Symbol	rplJ
UniProt Protein Name	50S ribosomal protein L10
UniProt Synonym Protein Names	BL5; Cold acclimatization protein; CAP; Vegetative protein 300; VEG300
Protein Family	50S ribosomal protein
UniProt Gene Name	rplJ
UniProt Synonym Gene Names	CAP; VEG300
NCBI Protein Information	50S ribosomal protein L10
UniProt Comments for rplJ	Forms part of the ribosomal stalk, playing a central role in the interaction of the ribosome with GTP-bound translation factors (such as IF-2, EF-Tu, EF-G and RF3).
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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