50s Ribosomal Protein L10 (rplJ) Borrelia Afzelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L10 (rplJ), Recombinant Protein
Full Product Name	Recombinant Borrelia afzelii 50S ribosomal protein L10 (rplJ)
Product Gene Name	rplJ recombinant protein
Product Synonym Gene Name	rplJ
Sequence	MSTKINSKKL EMFDLLKKFI DSKQNIFFLD YRGLSVSQLT DLRNKIEGEH GALKVVKNNI MKMVLKEKNI DVVDSCLVGP TVVVTALEEA NVIAKIFYDF VKTTTLKVKG GFVLGEFYDE AKVQAYSKLP TKKESISLFA SVLKAPVSKL VRTLKALADV KN
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	18,121 Da
Sequence Positions	1-162, 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 Q0SNB6
Species	Borrelia afzelii (strain PKo)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplJ recombinant protein	MBS1317575 is a recombinant protein targeting rplJ. Also known as Recombinant Borrelia afzelii 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 #	490928453
NCBI Accession #	WP_004790306.1
UniProt Primary Accession #	Q0SNB6
UniProt Secondary Accession #	G0IS38
GenBank Nucleotide #	WP_004790306.1
NCBI Official Full Name	50S ribosomal protein L10

UniProt Protein Name	50S ribosomal protein L10
Protein Family	50S ribosomal protein
UniProt Gene Name	rplJ
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.
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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