50s Ribosomal Protein L9 (rplI) Borrelia Duttonii Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L9 (rplI), Recombinant Protein
Full Product Name	Recombinant Borrelia duttonii 50S ribosomal protein L9 (rplI)
Product Gene Name	rplI recombinant protein
Sequence	MKVILREDFI NLGKEGDIVD VKDGFARNYL LPKGFAVFSN KHNIDIFSQK KRAILKRQET RRKMAVELKE KLDKVNLEFI MQSNDSGKLF HSINSSNIAD ELLKLGFEIE RRKIDMHHGA LKAFGTYNVT IKLYEGISSV ITVEIKREEK KNSLKKSKSV EKEV
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	18,928 Da
Sequence Positions	1-164, 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 B5RLI6
Species	Borrelia duttonii (strain Ly)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplI recombinant protein	MBS1158076 is a recombinant protein targeting rplI. Also known as Recombinant Borrelia duttonii 50S ribosomal protein L9 (rplI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplI 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 rplI. It may not necessarily be applicable to this product.

NCBI GI #	501531411
NCBI Accession #	WP_012537883.1
UniProt Primary Accession #	B5RLI6
GenBank Nucleotide #	WP_012537883.1
NCBI Official Full Name	MULTISPECIES: 50S ribosomal protein L9
UniProt Protein Name	50S ribosomal protein L9
Protein Family	50S ribosomal protein

UniProt Gene Name	rplI
UniProt Comments for rplI	Binds to 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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