50s Ribosomal Protein L1 (rplA) Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L1 (rplA), Recombinant Protein
Full Product Name	Recombinant Leptospira borgpetersenii serovar Hardjo-bovis 50S ribosomal protein L1 (rplA)
Product Gene Name	rplA recombinant protein
Sequence	MQRGKKYKAL KEKVDSTKFF NIDQAVELAK STSYTKFDGT VEIATKVNYK SLQNIRGTIS LPHGNGKKVR VLVFCKGDKQ NDAKAAGAEF VGDMDLIEKV AGGWTDFDAC VATPDMMKDV GKLGPILGRK GLMPKPKAGT VTTDVAKAVN ELKSGRVEYR PDKGGVVHLG VGKVSFDNAK LVENIRTVVQ TLMRDKPSDA KGDYLKTFSV SPTMGVGVKV DVKELVNTSI
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	24,901 Da
Sequence Positions	1-230, 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 Q054E5
Species	Leptospira borgpetersenii serovar Hardjo-bovis (strain L550)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplA recombinant protein	MBS1253882 is a recombinant protein targeting rplA. Also known as Recombinant Leptospira borgpetersenii serovar Hardjo-bovis 50S ribosomal protein L1 (rplA). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplA 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 rplA. It may not necessarily be applicable to this product.

NCBI GI #	499988901
NCBI GeneID	4406277
NCBI Accession #	WP_011669619.1
UniProt Primary Accession #	Q054E5
UniProt Related Accession #	Q054E5
GenBank Nucleotide #	WP_011669619.1

NCBI Official Full Name	50S ribosomal protein L1
NCBI Official Symbol	LBL_RS04115
UniProt Protein Name	50S ribosomal protein L1
Protein Family	50S ribosomal protein
UniProt Gene Name	rplA
NCBI Protein Information	50S ribosomal protein L1
UniProt Comments for rplA	Binds directly to 23S rRNA. The L1 stalk is quite mobile in the ribosome, and is involved in E site tRNA release.
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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