50s Ribosomal Protein L1 (rplA) Rhodospirillum Rubrum Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L1 (rplA), Recombinant Protein
Full Product Name	Recombinant Rhodospirillum rubrum 50S ribosomal protein L1 (rplA)
Product Gene Name	rplA recombinant protein
Product Synonym Gene Name	rplA
Sequence	MAKVGKRLKA AHEGIDREAF YDLPQAVHLI RERATAKFDE SIEVAMNLGV DPRHADQMVR GVVELPHGTG KTMRVAVFAK GAKAEEAKAA GADLVGADEL AADIQNGTID FDRCIATPDM MGVVGRLGKV LGPRGLMPNP KLGTVTMDVA TAVKAAKAGQ VQFRVEKSGI VHAGVGRASF TEEKLVDNVR AFVDAINKAK PTGAKGTYLK KVSLSSTMGP GLKVNLGTIS GAA
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	24,429 Da
Sequence Positions	1-233, 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 Q2RQV0
Species	Rhodospirillum rubrum (strain 11170 / NCIB 8255)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplA recombinant protein	MBS1342222 is a recombinant protein targeting rplA. Also known as Recombinant Rhodospirillum rubrum 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 #	499709774
NCBI GeneID	3836133
NCBI Accession #	WP_011390508.1
UniProt Primary Accession #	Q2RQV0
UniProt Related Accession #	Q2RQV0

GenBank Nucleotide #	WP_011390508.1
NCBI Official Full Name	50S ribosomal protein L1
NCBI Official Symbol	rplA
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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