50s Ribosomal Protein L1 (rplA) Roseobacter Denitrificans Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L1 (rplA), Recombinant Protein
Full Product Name	Recombinant Roseobacter denitrificans 50S ribosomal protein L1 (rplA)
Product Gene Name	rplA recombinant protein
Product Synonym Gene Name	rplA; RD1_4022
Product Synonym Names	50S ribosomal protein L1
Sequence	MAKLGKRARA AREAFAGKEN VTVEEAVALI KANSSVKFDE TVEIAMNLGV DPRHADQMVR GVVGLPNGTG KTVRVAVFAR GAKADEATAA GADIVGAEDL METVQSGKIE FDRCIATPDM MPIVGRLGKV LGPRNLMPNP KVGTVTMDVE AAVKAAKGGE VQFKAEKGGV VHAGVGKLSF DEAKLVENIR AFVGAVSKAK PTGAKGAYMK KIALSSTMGP GVSVAIEDAN VE
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	24,031 Da
Sequence Positions	1-232aa; 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 Q160X4
Species	Roseobacter denitrificans (strain 33942 / OCh 114) (Erythrobacter sp. (strain OCh 114)) (Roseobacter denitrificans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplA recombinant protein	MBS1356456 is a recombinant protein targeting rplA. Also known as Recombinant Roseobacter denitrificans 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 #	499889345
NCBI GeneID	4195407
NCBI Accession #	WP_011570079.1
UniProt Primary Accession #	Q160X4

UniProt Related Accession #	Q160X4
GenBank Nucleotide #	WP_011570079.1
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
UniProt Entry Name	RL1_ROSDO
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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