50s Ribosomal Protein L18 (rplR) Streptococcus Pyogenes Serotype M3 Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L18 (rplR), Recombinant Protein
Full Product Name	Recombinant Streptococcus pyogenes serotype M3 50S ribosomal protein L18 (rplR)
Product Gene Name	rplR recombinant protein
Sequence	MISKPDKNKI RQKRHRRVRG KLSGTADRPR LNVFRSNTGI YAQVIDDVAG VTLASASTLD KDVSKGTKTE QAVVVGKLVA ERAVAKGISE VVFDRGGYLY HGRVKALADA ARENGLKF
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	12,866 Da
Sequence Positions	1-118, 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 P0DE12
Species	Streptococcus pyogenes serotype M3
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplR recombinant protein	MBS1257598 is a recombinant protein targeting rplR. Also known as Recombinant Streptococcus pyogenes serotype M3 50S ribosomal protein L18 (rplR). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplR 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 rplR. It may not necessarily be applicable to this product.

NCBI GI #	489077808
NCBI Accession #	WP_002987751.1
UniProt Primary Accession #	P0DE12
UniProt Secondary Accession #	Q7CFK6; Q879Q9
GenBank Nucleotide #	WP_002987751.1
NCBI Official Full Name	50S ribosomal protein L18
UniProt Protein Name	50S ribosomal protein L18

Protein Family	50S ribosomal protein
UniProt Gene Name	rplR
UniProt Comments for rplR	This is one of the proteins that binds and probably mediates the attachment of the 5S RNA into the large ribosomal subunit, where it forms part of the central protuberance.
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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