50s Ribosomal Protein L13 (rplM) Rubrobacter Xylanophilus Recombinant Protein

PRODUCT OVERVIEW

Product Name	50S ribosomal protein L13 (rplM), Recombinant Protein
Full Product Name	Recombinant Rubrobacter xylanophilus 50S ribosomal protein L13 (rplM)
Product Gene Name	rplM recombinant protein
Product Synonym Gene Name	rplM
Sequence	MKSYMARPGE VERKWYVIDA EGKTLGRLAA EISRLLRGKN KPQYTPHVDV GDFVVVVNAD KVEVTGRKAE QKVYRWHTGY PGGLRERSYR QMLRKRPEEI LRQAVRGMMP KTRLARRQLK KLRIYAGPEH PHAGQTPEPY EVR
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	16,667 Da
Sequence Positions	1-143, 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 Q1AU63
Species	Rubrobacter xylanophilus (strain DSM 9941 / NBRC 16129)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rplM recombinant protein	MBS1400949 is a recombinant protein targeting rplM. Also known as Recombinant Rubrobacter xylanophilus 50S ribosomal protein L13 (rplM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rplM 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 rplM. It may not necessarily be applicable to this product.

NCBI GI #	752679561
NCBI Accession #	WP_041328259.1
UniProt Primary Accession #	Q1AU63
GenBank Nucleotide #	WP_041328259.1
NCBI Official Full Name	50S ribosomal protein L13
UniProt Protein Name	50S ribosomal protein L13

Protein Family	50S ribosomal protein
UniProt Gene Name	rplM
UniProt Comments for rplM	This protein is one of the early assembly proteins of the 50S ribosomal subunit, although it is not seen to bind rRNA by itself. It is important during the early stages of 50S assembly.
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