Ribosomal RNA Large Subunit Methyltransferase L (rlmL) Salmonella Typhimurium Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA large subunit methyltransferase L (rlmL), Recombinant Protein
Full Product Name	Recombinant Salmonella typhimurium Ribosomal RNA large subunit methyltransferase L (rlmL), partial
Product Gene Name	rlmL recombinant protein
Product Synonym Gene Name	rlmL
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	78,849 Da
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 Q8ZQ73
Species	Salmonella typhimurium (strain LT2 / SGSC1412 / 700720)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rlmL recombinant protein	MBS1421146 is a recombinant protein targeting rlmL. Also known as Recombinant Salmonella typhimurium Ribosomal RNA large subunit methyltransferase L (rlmL), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rlmL 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 rlmL. It may not necessarily be applicable to this product.

NCBI GI #	16764420
NCBI GeneID	1252579
NCBI Accession #	NP_460035.1
UniProt Primary Accession #	Q8ZQ73
UniProt Related Accession #	Q8ZQ73
GenBank Nucleotide #	NC_003197.2
NCBI Official Full Name	23S rRNA (guanine(2445)-N(2))/(guanine(2069)-N(7))-methyltransferase
NCBI Official Symbol	ycbY

UniProt Protein Name	Ribosomal RNA large subunit methyltransferase K/L
UniProt Synonym Protein Names	rRNA (guanine-N(7)-)-methyltransferase RlmK
Protein Family	Ribosomal RNA large subunit methyltransferase
UniProt Gene Name	rlmL
NCBI Protein Information	23S rRNA (guanine(2445)-N(2))/(guanine(2069)-N(7))-methyltransferase
UniProt Comments for rlmL	Specifically methylates the guanine in position 2445 (m2G2445) and the guanine in position 2069 (m7G2069) of 23S rRNA.
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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