Ribosomal RNA Large Subunit Methyltransferase N (rlmN) Synechococcus Sp. Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA large subunit methyltransferase N (rlmN), Recombinant Protein
Full Product Name	Recombinant Synechococcus sp. Ribosomal RNA large subunit methyltransferase N (rlmN)
Product Gene Name	rlmN recombinant protein
Product Synonym Gene Name	rlmN
Sequence	MSALPIPLLG QSLSALKDWA VAQGQPAYRG QQLHAWIYQK GIRSLEQVTV FPRAWREAVQ SYPVGRSRIV QRTEARDGTV KFLLGLADGQ LIETVGIPTA KRLTVCVSSQ VGCPMACDFC ATGKMGYRRN LELHEILDQV LTVQEDFGRR VSHVVFMGMG EPLLNRDTVV QAIRSLNQDI GIGQRHITLS TVGVPRQIAW LAQQDLQVTL AVSLHAPNQD LRQRLIPSAS HYPLDTLIQD CRDYMLRTGR RVSFEYTLLS GVNDLPIHAR QLAQLLQQAS RSGVQLHVNL IPYNPISEAD YQRPHPTRVR EFVRQLEQHQ VRATVRQTRG LDGNAACGQL RGSFLRSLPG DL
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	39,404 Da
Sequence Positions	1-352, 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 Q2JMN2
Species	Synechococcus sp. (strain JA-2-3B'a(2-13)) (Cyanobacteria bacterium Yellowstone B-Prime)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rlmN recombinant protein	MBS1320684 is a recombinant protein targeting rlmN. Also known as Recombinant Synechococcus sp. Ribosomal RNA large subunit methyltransferase N (rlmN). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rlmN 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 rlmN. It may not necessarily be applicable to this product.

NCBI GI #	123751708
NCBI Accession #	Q2JMN2.1
UniProt Primary Accession #	Q2JMN2
NCBI Official Full Name	Probable dual-specificity RNA methyltransferase RlmN

UniProt Protein Name	Probable dual-specificity RNA methyltransferase RlmN
UniProt Synonym Protein Names	23S rRNA (adenine(2503)-C(2))-methyltransferase
Protein Family	Dual-specificity RNA methyltransferase
UniProt Gene Name	rlmN
UniProt Comments for rlmN	Specifically methylates position 2 of adenine 2503 in 23S rRNA and position 2 of adenine 37 in tRNAs.
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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