Ribosomal RNA Large Subunit Methyltransferase N (rlmN) Staphylococcus Aureus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA large subunit methyltransferase N (rlmN), Recombinant Protein
Full Product Name	Recombinant Staphylococcus aureus Ribosomal RNA large subunit methyltransferase N (rlmN)
Product Gene Name	rlmN recombinant protein
Product Synonym Gene Name	rlmN
Sequence	MITAEKKKKN KFLPNFDKQS IYSLRFDEMQ NWLVEQGQQK FRAKQIFEWL YQKRVDSIDE MTNLSKDLRQ LLKDNFTVTT LTTVVKQESK DGTIKFLYEL QDGYTIETVL MRHDYGNSVC VTTQVGCRIG CTFCASTLGG LKRNLEAGEI VSQVLTVQKA LDATEERVSQ IVIMGIGEPF ENYDEMMDFL RIVNDDNSLN IGARHITVST SGIIPRIYDF ADEDIQINFA VSLHAAKDEV RSRLMPINRA YNVEKLIEAI QYYQEKTNRR VTFEYGLFGG VNDQLEHARE LAHLIKGLNC HVNLIPVNHV PERNYVKTAK NDIFKFEKEL KRLGINATIR REQGSDIDAA CGQLRAKERQ VETR
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	41,921 Da
Sequence Positions	1-364, 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 Q6G9Z5
Species	Staphylococcus aureus (strain MSSA476)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rlmN recombinant protein	MBS1352267 is a recombinant protein targeting rlmN. Also known as Recombinant Staphylococcus aureus 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 #	446549559
NCBI Accession #	WP_000626905.1
UniProt Primary Accession #	Q6G9Z5

GenBank Nucleotide #	WP_000626905.1
NCBI Official Full Name	MULTISPECIES: 23S rRNA (adenine(2503)-C(2))-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. Confers resistance to some classes of antibiotics.
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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