Ribosomal RNA Large Subunit Methyltransferase I (rlmI) Shigella Boydii Serotype 18 Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA large subunit methyltransferase I (rlmI), Recombinant Protein
Full Product Name	Recombinant Shigella boydii serotype 18 Ribosomal RNA large subunit methyltransferase I (rlmI)
Product Gene Name	rlmI recombinant protein
Sequence	MSVRLVLAKG REKSLLRRHP WVFSGTVARM EGKASLGETI DIVDHQGKWL ARGAYSPASQ IRARVWTFDP SESIDIAFFS RRLQQAQKWR DWLAQKDGLD SYRLIAGESD GLPGITIDRF GNFLVLQLLS AGAEYQRAAL VSALQTLYPE CAIYDRSDVA VRKKEGMELT LGLVTGELPP ALLPIEEHGM KLLVDIQHGH KTGYYLDQRD SRLATRRYVE NKRVLNCFSY TGGFAVSALM GGCSQVVSVD TSQEALDIAR QNVELNKLDL SKAEFVRDDV FKLLRTYRDR GEKFDVIVMD PPKFVENKSQ LMGACRGYKD INMLAIQLLN EGGILLTFSC SGLMTSDLFQ KIIADAAIDA GRDVQFIEQF RQAADHPVIA TYPEGLYLKG FACRVM
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	44,358 Da
Sequence Positions	1-396, Full length
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 B2TTS7
Species	Shigella boydii serotype 18 (strain CDC 3083-94 / BS512)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rlmI recombinant protein	MBS1159666 is a recombinant protein targeting rlmI. Also known as Recombinant Shigella boydii serotype 18 Ribosomal RNA large subunit methyltransferase I (rlmI). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rlmI 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 rlmI. It may not necessarily be applicable to this product.

NCBI GI #	446038469
NCBI Accession #	WP_000116324.1
UniProt Primary Accession #	B2TTS7
GenBank Nucleotide #	WP_000116324.1

NCBI Official Full Name	ribosomal RNA large subunit methyltransferase I
UniProt Protein Name	Ribosomal RNA large subunit methyltransferase I
UniProt Synonym Protein Names	23S rRNA m5C1962 methyltransferase
Protein Family	Ribosomal RNA large subunit methyltransferase
UniProt Gene Name	rlmI
UniProt Comments for rlmI	Specifically methylates the cytosine at position 1962 (m5C1962) 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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