Ribosomal RNA Small Subunit Methyltransferase C (rsmC) Shigella Sonnei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA small subunit methyltransferase C (rsmC), Recombinant Protein
Full Product Name	Recombinant Shigella sonnei Ribosomal RNA small subunit methyltransferase C (rsmC)
Product Gene Name	rsmC recombinant protein
Product Synonym Gene Name	rsmC
Sequence	MSAFTPASEV LLRHSDDFEQ SRILFAGDLQ DDLPARLDTA ASRAHTQQFH HWQVLSRQMG DNARFSLVAT VDDVADCDTL IYYWPKNKPE AQFQLMNLLS LLPVGTDIFV VGENRSGVRS AEQMLADYAP LNKVDSARRC GLYFGRLEKQ PVFDADKFWG EYSVDGLTVK TLPGVFSRDG LDVGSQLLLS TLTPHTKGKV LDVGCGAGVL SVAFARHSPK IRLTLCDVSA PAVEASRATL AANCVEGEVF ASNVFSEVKG RFDMIISNPP FHDGMQTSLD AAQTLIRGAV RHLNSGGELR IVANAFLPYP DVLDETFGFH EVIAQTGRFK VYRAIMTRQA KKG
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	37,685 Da
Sequence Positions	1-343, 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 Q3YU23
Species	Shigella sonnei (strain Ss046)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rsmC recombinant protein	MBS1425039 is a recombinant protein targeting rsmC. Also known as Recombinant Shigella sonnei Ribosomal RNA small subunit methyltransferase C (rsmC). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rsmC 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 rsmC. It may not necessarily be applicable to this product.

NCBI GI #	447195086
NCBI Accession #	WP_001272342.1
UniProt Primary Accession #	Q3YU23
GenBank Nucleotide #	WP_001272342.1

NCBI Official Full Name	MULTISPECIES: 16S rRNA methyltransferase
UniProt Protein Name	Ribosomal RNA small subunit methyltransferase C
UniProt Synonym Protein Names	16S rRNA m2G1207 methyltransferase
Protein Family	Ribosomal RNA small subunit methyltransferase
UniProt Gene Name	rsmC
UniProt Comments for rsmC	Specifically methylates the guanine in position 1207 of 16S rRNA in the 30S particle.
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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