Ribosomal RNA Small Subunit Methyltransferase C (rsmC) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA small subunit methyltransferase C (rsmC), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Ribosomal RNA small subunit methyltransferase C (rsmC)
Product Gene Name	rsmC recombinant protein
Product Synonym Gene Name	rsmC
Sequence	MSAFTPASEV LLRHSDDFEQ SRILFAGDLQ DDLPARFECA ASRAYTQQFH HWQALSRQMG DNVRFSLVAQ ASDVADCDTL IYYWPKNKPE AQFQLMNILS LMSVGSDVFV VGENRSGVRS AEPMLADYAP LNKVDSARRC GLYHGRLEKQ PQFSLESWWA EYNIDGLTIK TLPGVFSRDG LDVGSQLLLS TLTPHTKGKV LDVGCGAGVL SAALASHSPK VRLTLCDVSA PAVEASRATL AANGLEGEVF ASNVFSEVKG RFDMIISNPP FHDGMQTSLD AAQTLIRGAV RHLNSGGELR IVANAFLPYP KILDETFGFH EVIAQTGRFK VYRTVMTRQA KK
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	37,604 Da
Sequence Positions	1-342, 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 Q5PK16
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rsmC recombinant protein	MBS1329955 is a recombinant protein targeting rsmC. Also known as Recombinant Salmonella paratyphi A 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 #	447195038
NCBI Accession #	WP_001272294.1
UniProt Primary Accession #	Q5PK16
GenBank Nucleotide #	WP_001272294.1

NCBI Official Full Name	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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