Ribosomal RNA Small Subunit Methyltransferase B (rsmB) Salmonella Paratyphi A Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal RNA small subunit methyltransferase B (rsmB), Recombinant Protein
Full Product Name	Recombinant Salmonella paratyphi A Ribosomal RNA small subunit methyltransferase B (rsmB)
Product Gene Name	rsmB recombinant protein
Product Synonym Gene Name	rsmB
Sequence	MKKQNNLRSL AAQAVEQVVE QGQSLSNVLP PLQQKVADKD KALLQELCFG VLRTLSQLEW LINKLMSRPM TGKQRTVHYL IMVGFYQLLY TRVPPHAALA ETVEGAVSIK RPQLKGLING VLRQFQRQQE TLLNEFATSD ARFLHPGWLV KRLQNAYPTQ WQRIIEANNQ RPPMWLRVNR THHTRDGWLG LLEDAGMKGY PHPDYPDAVR LETPAPVHAL PGFAEGWVTV QDASAQGCAV FLAPQNGEHI LDLCAAPGGK TTHILEVAPE ADVLAVDIDE QRLSRVYDNL KRLGMKATVK QGDGRYPAQW CGEQQFDRIL LDAPCSATGV IRRHPDIKWL RRDRDIAELA QLQAEILDTV WPRLKPGGTL VYATCSVLPE ENRDQIKTFL QRTPDAALSE TGTPDQPGQQ NLPGGEEGDG FFYAKLIKK
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	48,144 Da
Sequence Positions	1-429, 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 Q5PIT6
Species	Salmonella paratyphi A (strain 9150 / SARB42)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rsmB recombinant protein	MBS1400100 is a recombinant protein targeting rsmB. Also known as Recombinant Salmonella paratyphi A Ribosomal RNA small subunit methyltransferase B (rsmB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rsmB 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 rsmB. It may not necessarily be applicable to this product.

NCBI GI #	446667267
NCBI Accession #	WP_000744613.1
UniProt Primary Accession #	Q5PIT6

GenBank Nucleotide #	WP_000744613.1
NCBI Official Full Name	16S rRNA m5C967 methyltransferase
UniProt Protein Name	Ribosomal RNA small subunit methyltransferase B
UniProt Synonym Protein Names	16S rRNA m5C967 methyltransferase
Protein Family	Ribosomal RNA small subunit methyltransferase
UniProt Gene Name	rsmB
UniProt Comments for rsmB	Specifically methylates the cytosine at position 967 (m5C967) of 16S 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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