# Ribosomal RNA Small Subunit Methyltransferase J (rsmJ) Neisseria Meningitidis Serogroup B Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Ribosomal RNA small subunit methyltransferase J (rsmJ), Recombinant Protein |
| **Full Product Name** | Recombinant Neisseria meningitidis serogroup B Ribosomal RNA small subunit methyltransferase J (rsmJ) |
| **Product Gene Name** | rsmJ recombinant protein |
| **Product Synonym Gene Name** | rsmJ |
| **Sequence** | MTDILIDNTA TETVRTLIRA FPLVPVSQPP EQGSYLLAEH DTVSLRLVGE KSSVIVDFAS GAAQYRRTKG GGELIAKAVN HTAHPTVWDA TAGLGRDSFV LASLGLAVTA FEQHPAVACL LSDGIRRALL NPETQNTAAH INLHFGNAAE QMPALVQTQG KPDIVYLDPM YPERRKSAAV KKEMTYFHRL VGEAQDEAAL LHTARQTAKK RVVVKRPRLG EHLAGQDPAY QYTGKSTRFD VYLPYGTDKG |
| **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** | 27,286 Da |
| **Sequence Positions** | 1-250, 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 Q9JYF4 |
| **Species** | Neisseria meningitidis serogroup B (strain MC58) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for rsmJ recombinant protein** | MBS1314608 is a recombinant protein targeting rsmJ. Also known as Recombinant Neisseria meningitidis serogroup B Ribosomal RNA small subunit methyltransferase J (rsmJ). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of rsmJ 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 rsmJ. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 15677458 |
| **NCBI GeneID** | 904305 |
| **NCBI Accession #** | NP_274614.1 |
| **UniProt Primary Accession #** | Q9JYF4 |

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| **UniProt Related Accession #** | Q9JYF4 |
| **GenBank Nucleotide #** | NC_003112.2 |
| **NCBI Official Full Name** | hypothetical protein NMB1608 |
| **NCBI Official Symbol** | NMB1608 |
| **UniProt Protein Name** | Ribosomal RNA small subunit methyltransferase J |
| **UniProt Synonym Protein Names** | 16S rRNA m2G1516 methyltransferase |
| **Protein Family** | Ribosomal RNA small subunit methyltransferase |
| **UniProt Gene Name** | rsmJ |
| **NCBI Protein Information** | hypothetical protein |
| **UniProt Comments for rsmJ** | Specifically methylates the guanosine in position 1516 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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