# 50s Ribosomal Protein L3 Glutamine Methyltransferase (prmB) Francisella Tularensis Subsp. Tularensis Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | 50S ribosomal protein L3 glutamine methyltransferase (prmB), Recombinant Protein |
| **Full Product Name** | Recombinant Francisella tularensis subsp. tularensis 50S ribosomal protein L3 glutamine methyltransferase (prmB) |
| **Product Gene Name** | prmB recombinant protein |
| **Product Synonym Gene Name** | prmB |
| **Sequence** | MYSQQKQQDI INNLHTIRDY IRWSISEMTA NNVYFGHGSE SIWDEAVHLV LSAINVAHDI DSNMVGSRLL TEEKKIIIDY VYQRACLRKP LPYILKKAWF AGMEFDIDER VIIPRSPIAE LIRNEFSPWI NDIDDVTSVL DLCTGSGCIG IACSNVFEDA NITLVDISDD ALAVANHNIK KHQLSDRVRA IKSDLFDNLH GQKFDLIVSN PPYVDKQDLD TMPHEYHYEP KLALEAGDDG LDLAKRIILE ADKYMTENGV LIVEVGNSQY ALMEMCPDIP FTWLSFADGG DGVLLLTYDE LVKYKDAFKK YFQK |
| **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** | 35,774 Da |
| **Sequence Positions** | 1-314, 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 Q5NEL0 |
| **Species** | Francisella tularensis subsp. tularensis (strain SCHU S4 / Schu 4) |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for prmB recombinant protein** | MBS1354285 is a recombinant protein targeting prmB. Also known as Recombinant Francisella tularensis subsp. tularensis 50S ribosomal protein L3 glutamine methyltransferase (prmB). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of prmB 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 prmB. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 489112688 |
| **NCBI Accession #** | WP_003022542.1 |
| **UniProt Primary Accession #** | Q5NEL0 |

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| **GenBank Nucleotide #** | WP_003022542.1 |
| **NCBI Official Full Name** | 50S ribosomal protein L3 N(5)-glutamine methyltransferase |
| **UniProt Protein Name** | 50S ribosomal protein L3 glutamine methyltransferase |
| **UniProt Synonym Protein Names** | N5-glutamine methyltransferase PrmB |
| **Protein Family** | 50S ribosomal protein |
| **UniProt Gene Name** | prmB |
| **UniProt Synonym Gene Names** | L3 MTase |
| **UniProt Comments for prmB** | Specifically methylates the 50S ribosomal protein L3 on a specific glutamine residue. |
| **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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