Ribosome Maturation Factor Rimm (rimM) Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosome maturation factor RimM (rimM), Recombinant Protein
Full Product Name	Recombinant Yersinia enterocolitica serotype O:8 / biotype 1B Ribosome maturation factor RimM (rimM)
Product Gene Name	rimM recombinant protein
Sequence	MSKQLNPVVP EQPIVLGKMG STYGIRGWLR VFSSTENAES IFDYQPWFIQ QGGKWQHVEL EDWKRHSQDL IIKVKGVDDR DAANLLTNCE IVVDSKQLPE LEEDDYYWKD LMGCQVVTTA GYELGKIIDM METGSNDVMV VKANLKDAFG MKERLVPFLH GQVIKNVDLT AQRVEVDWDP GF
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	20,795 Da
Sequence Positions	1-182, 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 A1JK24
Species	Yersinia enterocolitica serotype O:8 / biotype 1B (strain 8081)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rimM recombinant protein	MBS1253847 is a recombinant protein targeting rimM. Also known as Recombinant Yersinia enterocolitica serotype O:8 / biotype 1B Ribosome maturation factor RimM (rimM). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rimM 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 rimM. It may not necessarily be applicable to this product.

NCBI GI #	491308018
NCBI Accession #	WP_005166009.1
UniProt Primary Accession #	A1JK24
GenBank Nucleotide #	WP_005166009.1
NCBI Official Full Name	MULTISPECIES: ribosome maturation factor RimM
UniProt Protein Name	Ribosome maturation factor RimM
Protein Family	Probable 16S rRNA-processing protein

UniProt Gene Name	rimM
UniProt Comments for rimM	An accessory protein needed during the final step in the assembly of 30S ribosomal subunit, possibly for assembly of the head region. Probably interacts with S19. Essential for efficient processing of 16S rRNA. May be needed both before and after RbfA during the maturation of 16S rRNA. It has affinity for free ribosomal 30S subunits but not for 70S ribosomes.
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