Ribosomal Protein S12 Methylthiotransferase Rimo (rimO) Deinococcus Geothermalis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Ribosomal protein S12 methylthiotransferase RimO (rimO), Recombinant Protein
Full Product Name	Recombinant Deinococcus geothermalis Ribosomal protein S12 methylthiotransferase RimO (rimO)
Product Gene Name	rimO recombinant protein
Product Synonym Gene Name	rimO
Sequence	MTRTQEPLPT VAAPKVGFIS LGCPKALVDS ERILTQLRAE GYEVAPNYED AQAVIVNTCG FITPAVEESL SAIGEALDAT GKVIVTGCLG ERPEKILERH PKVAAITGSE AVDDVMAHVR ELLPIELDPF TGLLPVAAPG MRQGDTLAPS VKLTPRHYAY VKIAEGCNHT CSFCIIPKLR GRQVSRDAGA VLYEAYRLIA GGTKELMIIS QDTSAYGVDL RHRTSEFQGE QVRAHLIDLA EKLGEMGAWV RMHYVYPYPH VERIVELMSQ GKILPYLDVP LQHASPAVLK RMRRPGAGKQ LDTIRRWREI CPELVIRSTF IVGFPGETEE DFQLLLDFLE EARLDRVGAF TYSDVEEADA NALDGAIPEE VKQERLARFM EVAQRISREK LAEKVGRVLD VIIDEFNDDE GDEPGTRLIG RTKGDAPGID GQVYLYAGDF AGQVKIGDIV QARIEDSDEY DLYGEVIHTP EWRPNVPLLG HFGKH
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	53,706 Da
Sequence Positions	1-485, 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 Q1J1F6
Species	Deinococcus geothermalis (strain DSM 11300)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for rimO recombinant protein	MBS1429936 is a recombinant protein targeting rimO. Also known as Recombinant Deinococcus geothermalis Ribosomal protein S12 methylthiotransferase RimO (rimO). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of rimO 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 rimO. It may not necessarily be applicable to this product.

NCBI GI #	499848788
NCBI Accession #	WP_011529522.1
UniProt Primary Accession #	Q1J1F6

GenBank Nucleotide #	WP_011529522.1
NCBI Official Full Name	30S ribosomal protein S12 methylthiotransferase RimO
UniProt Protein Name	Ribosomal protein S12 methylthiotransferase RimO
UniProt Synonym Protein Names	Ribosomal protein S12 (aspartate-C(3))-methylthiotransferase
Protein Family	Ribosomal protein S12 methylthiotransferase
UniProt Gene Name	rimO
UniProt Synonym Gene Names	S12 MTTase; S12 methylthiotransferase
UniProt Comments for rimO	Catalyzes the methylthiolation of an aspartic acid residue of ribosomal protein S12.
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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