Trna (Guanine-N (1)-)-Methyltransferase (trmD) Rhodospirillum Rubrum Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA (guanine-N (1)-)-methyltransferase (trmD), Recombinant Protein
Full Product Name	Recombinant Rhodospirillum rubrum tRNA (guanine-N (1)-)-methyltransferase (trmD)
Product Gene Name	trmD recombinant protein
Product Synonym Gene Name	trmD
Sequence	MSLRAVVLTL FPEMFPGPLG HSIAGKALET GAWSIEAVDI RSFATDRHHT VDDSPFGGGA GMVMRPDVVD AAIAASWPGD GPLVYLTPRG RVLDQALVRE LAQAPSLTLL CGRYEGVDQR VLDERGMLEI SIGDYVLSGG EAAAQVLLDA VVRLLPGVVG KTESLEDESF ERGLLEYPHY TRPAEWRGRT VPEVLTSGHH QKVSDWRQAR SEEITQTRRP DLWARYVAAR TSLDRGCGQ
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	26,131 Da
Sequence Positions	1-239, 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 Q2RV57
Species	Rhodospirillum rubrum (strain 11170 / NCIB 8255)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for trmD recombinant protein	MBS1484480 is a recombinant protein targeting trmD. Also known as Recombinant Rhodospirillum rubrum tRNA (guanine-N (1)-)-methyltransferase (trmD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of trmD 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 trmD. It may not necessarily be applicable to this product.

NCBI GI #	499708208
NCBI Accession #	WP_011388942.1
UniProt Primary Accession #	Q2RV57
GenBank Nucleotide #	WP_011388942.1

NCBI Official Full Name	tRNA (guanosine(37)-N1)-methyltransferase TrmD
UniProt Protein Name	tRNA (guanine-N(1)-)-methyltransferase
UniProt Synonym Protein Names	M1G-methyltransferase
Protein Family	tRNA
UniProt Gene Name	trmD
UniProt Comments for trmD	Specifically methylates guanosine-37 in various tRNAs.
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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