Trna (Cytidine (56)-2'-O)-Methyltransferase (MJ1385) Methanocaldococcus Jannaschii Recombinant Protein

PRODUCT OVERVIEW

Product Name	tRNA (cytidine (56)-2'-O)-methyltransferase (MJ1385), Recombinant Protein
Full Product Name	Recombinant Methanocaldococcus jannaschii tRNA (cytidine (56)-2'-O)-methyltransferase (MJ1385)
Product Gene Name	MJ1385 recombinant protein
Product Synonym Names	tRNA (cytidine(56)-2'-O)-methyltransferase; EC=2.1.1.206; tRNA ribose 2'-O-methyltransferase aTrm56
Sequence	MVVEVLRLGH RGDRDKRIST HVALTARALG ADKIIFTTED EHVENSVKKV VESWGGNFEF VVEKHWRKYI REFKKRGIVV HLTMYGANIN EIMPEIREIS RDKDILVIVG AEKVPKEVYE LADYNVSVGN QPHSEVAALA IFLDRLFEGK TLYRDFEDAK IKIVPSKDGK VVIREKQNK
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	20,573 Da
Sequence Positions	1-179aa; 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 Q58780
Species	Methanocaldococcus jannaschii (strain 43067 / DSM 2661 / JAL-1 / JCM 10045 / NBRC 100440) (Methanococcus jannaschii)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for MJ1385 recombinant protein	MBS1346868 is a recombinant protein targeting MJ1385. Also known as Recombinant Methanocaldococcus jannaschii tRNA (cytidine (56)-2'-O)-methyltransferase (MJ1385). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MJ1385 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 MJ1385. It may not necessarily be applicable to this product.

NCBI GI #	15669575
NCBI GeneID	1452288
NCBI Accession #	NP_248388.1
UniProt Primary Accession #	Q58780

UniProt Related Accession #	Q58780
GenBank Nucleotide #	NC_000909.1
NCBI Official Full Name	tRNA 2'-O-methylase
NCBI Official Symbol	MJ_1385
UniProt Protein Name	tRNA (cytidine(56)-2'-O)-methyltransferase
UniProt Synonym Protein Names	tRNA ribose 2'-O-methyltransferase aTrm56
UniProt Gene Name	MJ1385
UniProt Entry Name	TRM56_METJA
NCBI Protein Information	tRNA 2'-O-methylase
UniProt Comments for MJ1385	Specifically catalyzes the AdoMet-dependent 2'-O-ribose methylation of cytidine at position 56 in 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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