Putative Ribosomal RNA Large Subunit Methyltransferase MJ1649 (MJ1649) Methanocaldococcus Jannaschii Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative ribosomal RNA large subunit methyltransferase MJ1649 (MJ1649), Recombinant Protein
Full Product Name	Recombinant Methanocaldococcus jannaschii Putative ribosomal RNA large subunit methyltransferase MJ1649 (MJ1649)
Product Gene Name	MJ1649 recombinant protein
Product Synonym Names	Putative ribosomal RNA large subunit methyltransferase MJ1649; EC=2.1.1.-
Sequence	MVMILIKLEI DRRAYNSIKN FSRLVYTKAI KNRGDLPKKE EIVTLTYNGK FVAKALYNPK SVILKILTTE DEEIDYDFFY KRIFNAKIYR ENILNYKNTY RWIYAEGDEL PTIIFDKYNE LGAMQLMSKL IEKEYLKDIV DILFELSDLE TIYVKRGKKG ERIRDKIFGD KNKFETVIKE GDAKFKVNVR GHKTGFFLDQ RENRLYLEKF IKEGDRVLDI CCYTGGFSVH AAIRGAEVVG VDLSKKALKL AEENIELNNI PKDRYEFIEG NAFEVMKEMI EDKEKFDVVI LDPPAFTQTE DDIKNALRAY ASLNYLGIKL AKRIFVTCSC SHHVDKEMFK RTVISSAFRA KKELIMIDYK GQAPDHPISI GNKNLEYLKC IFFYVKN
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	45,222 Da
Sequence Positions	1-387aa; 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 Q59043
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 MJ1649 recombinant protein	MBS1332623 is a recombinant protein targeting MJ1649. Also known as Recombinant Methanocaldococcus jannaschii Putative ribosomal RNA large subunit methyltransferase MJ1649 (MJ1649). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of MJ1649 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 MJ1649. It may not necessarily be applicable to this product.

NCBI GI #	15669845
NCBI GeneID	1452558

NCBI Accession #	NP_248659.1
UniProt Primary Accession #	Q59043
UniProt Related Accession #	Q59043
GenBank Nucleotide #	NC_000909.1
NCBI Official Full Name	hypothetical protein MJ_1649
NCBI Official Symbol	MJ_1649
UniProt Protein Name	Putative ribosomal RNA large subunit methyltransferase MJ1649
Protein Family	Putative ribosomal RNA large subunit methyltransferase
UniProt Gene Name	MJ1649
UniProt Entry Name	Y1649_METJA
NCBI Protein Information	hypothetical protein
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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