Putative Methylthioribose-1-Phosphate Isomerase (Af_0370) (AF_0370) Archaeoglobus Fulgidus Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative methylthioribose-1-phosphate isomerase (AF_0370), Recombinant Protein
Full Product Name	Recombinant Archaeoglobus fulgidus Putative methylthioribose-1-phosphate isomerase (AF_0370)
Product Gene Name	AF_0370 recombinant protein
Sequence	MRSIFWDDGL KLIDQTKLPE KLEVIECRNV EELADAIKKL AVRGAPALEA AGAYGIALAA REREFADVDE LKEHLKKAAD FLASTRPTAV NLFVGIERAL NAALKGESVE EVKELALREA EKLAEEDVER NRKMGEYGAE LLEDGDVVLT YCNAGRLATV DWGTALGVVR SAVEQGKEIR VIACETRPLN QGSRLTCWEL MEDGIDVTLI TDSMVGIVMQ KGMVDKVIVG ADRIVRDAVF NKIGTYTVSV VAKHHNIPFY VAAPKATFDW ERTAKDVVIE ERPREELIFC GKRQIAPLNV KVYNPAFDPT PLENVTALIT EYGVIYPPYE VNVPKVLKF
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	37,631 Da
Sequence Positions	1-339, 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 O29877
Species	Archaeoglobus fulgidus (strain 49558 / VC-16 / DSM 4304 / JCM 9628 / NBRC 100126)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AF_0370 recombinant protein	MBS1250970 is a recombinant protein targeting AF_0370. Also known as Recombinant Archaeoglobus fulgidus Putative methylthioribose-1-phosphate isomerase (AF_0370). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AF_0370 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 AF_0370. It may not necessarily be applicable to this product.

NCBI GI #	499180337
NCBI Accession #	WP_010877877.1
UniProt Primary Accession #	O29877
GenBank Nucleotide #	WP_010877877.1

NCBI Official Full Name	S-methyl-5-thioribose-1-phosphate isomerase
UniProt Protein Name	Putative methylthioribose-1-phosphate isomerase
UniProt Synonym Protein Names	MTNA-like protein
UniProt Gene Name	AF_0370
UniProt Synonym Gene Names	M1Pi; MTR-1-P isomerase; aMTNA
UniProt Comments for AF_0370	Catalyzes the interconversion of methylthioribose-1-phosphate (MTR-1-P) into methylthioribulose-1-phosphate (MTRu-1-P).
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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