Methylthioribose-1-Phosphate Isomerase (Tb11.01.2780) (TB11.01.2780) Trypanosoma Brucei Brucei Recombinant Protein

PRODUCT OVERVIEW

Product Name	Methylthioribose-1-phosphate isomerase (Tb11.01.2780), Recombinant Protein
Full Product Name	Recombinant Trypanosoma brucei brucei Methylthioribose-1-phosphate isomerase (Tb11.01.2780)
Product Gene Name	Tb11.01.2780 recombinant protein
Product Synonym Gene Name	Tb11.01.2780
Sequence	MSSAHNTLES IKYRRGVLQL LDQRRLPLET VYCDITSIDD ICCAIKEMRV RGAPAIAVSA ALALAVVAER ELKEQRQNSV WKTADDMRQF LLMSCDKMMS ARPTAVNLSK VLIQLKKDIE TDKANTMEAV LETCVQLAEK IYAADVSFNE RIMRHGAAHL LKLASKERVN ILTICNTGAL ATSRYGTALG IVRQLFYEGH LQHLYACETR PWNQGARLTV YECVQENIPC TLICDSAVSA VMKTHDIDAV VVGADRICKN GDTANKIGTY NLAVAAAYHK VPFFVAAPST TLDPLTPDGE GVVIEEREAT EITHIASGGG GLQSDKSNSD YGRKRVVADG PHLKVWNPVF DITPASLITG GIITEHGVFP PATAGPLFDI SRIVEP
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	42,136 Da
Sequence Positions	1-386, 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 Q383H9
Species	Trypanosoma brucei brucei (strain 927/4 GUTat10.1)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Tb11.01.2780 recombinant protein	MBS1412418 is a recombinant protein targeting Tb11.01.2780. Also known as Recombinant Trypanosoma brucei brucei Methylthioribose-1-phosphate isomerase (Tb11.01.2780). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Tb11.01.2780 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 Tb11.01.2780. It may not necessarily be applicable to this product.

NCBI GI #	74025196
NCBI GeneID	3665668

NCBI Accession #	XP_829164.1
UniProt Primary Accession #	Q383H9
UniProt Related Accession #	Q383H9
GenBank Nucleotide #	XM_824071.1
NCBI Official Full Name	translation initiation factor 2 subunit
NCBI Official Symbol	Tb11.01.2780
UniProt Protein Name	Methylthioribose-1-phosphate isomerase
UniProt Synonym Protein Names	S-methyl-5-thioribose-1-phosphate isomerase
UniProt Gene Name	Tb11.01.2780
UniProt Synonym Gene Names	M1Pi; MTR-1-P isomerase
NCBI Protein Information	translation initiation factor 2 subunit
UniProt Comments for Tb11.01.2780	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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