



Recombinant *Drosophila sechellia* Methylthioribose-1-phosphate isomerase (GM12085)

Product Code	CSB-EP014799DMG-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B4I029
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila sechellia</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MSLQSIKYSR GSLEILDQLL LPGQSKYVVV RGVEDGWKVI NKMQVRGAPA IAIVGCLSLA VEINPEDFEN KKSLRQEIEG KLNLYLSARP TAVNMKIAAD ELITLANELY KDEAIDVTQM KHRFLDATEA MLKKDIADNR AIGANGAQAI LQRVAKAGKT TAGTTGSRV LTHCNTGSLA TAGYGTALGV VRQLAELGKL EHVYCTETRP YNQGARLTAY ELVHEKFPAT LVLDSMVAAL LRAKNVAADV VGADRVASNG DTANKIGTYQ IAVVAKHHDV PFYVAAPLTS IDLAIPGGDH IIIEERPDRE MTHVGEHRIA APGINCWNPA FDVTPASLIT GIITERGVFK PAELKEAITK LLES
Source	<i>E. coli</i>
Target Names	GM12085
Protein Names	Recommended name: Methylthioribose-1-phosphate isomerase Short name= M1Pi Short name= MTR-1-P isomerase EC= 5.3.1.23 Alternative name(s): S-methyl-5-thioribose-1-phosphate isomerase Translation initiation factor eIF-2B sub
Expression Region	1-364
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.