



Recombinant *Drosophila yakuba* Methylthioribose-1-phosphate isomerase (GE23315)

Product Code	CSB-EP014799DMR-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B4PNE2
Product Type	Recombinant Protein
Immunogen Species	<i>Drosophila yakuba</i> (Fruit fly)
Purity	>85% (SDS-PAGE)
Sequence	MSLQSIKYSR GSLEILDQLL LPGQSKYLVV RGVEDGWKVI NKMQVRGAPA IAIVGCLSLA VEINPEDFET KKSLRQEIEG KLNLYLSARP TAVNMKIAAD ELITLANDLY KDEAINVTEM KQRFLDATEA MLKKDIADNR AIGANGAKAI LQRVAETGAA PAGSTGSVRV 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	GE23315
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.