



Recombinant Escherichia coli O45:K1 Methylthioribose-1-phosphate isomerase (mtnA)

Product Code	CSB-MP014799EOK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7MMH6
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MNIK GKHYRT VWVSGDGKAV EIIDQTKLPF KFEVVALTSA EMAATAIQDM WVRGAPLIGV VAAYGIALGM NHDASDMGLQ RYYDLLIKTR PTAINLKWAL DRMIDTLKDL CVSERKDVAV ALAAEIAEED VALCEQIGLH GAEVIREIAQ KKPAGSVVNI LTHCNAGWLA TVDWGTALSP IYKAHENGIP VHVWVDETRP RNQGGLTAFE LGSHGIPHTL IADNAGGHLM QHGDVDLCIV GTDRTTARGD VCNKIGTYLK ALAAHDNHVP FYVALPSPTI DWTIEDGKSI PIEQRDGKEQ SHVYGINPQG ELSWVNTAPE GTRCGNYAFD VTPARYITGF ITERGVCAAS KSALADM FAD LKSKALQGEQ H
Source	Mammalian cell
Target Names	mtnA
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
Expression Region	1-371
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.