



Recombinant *Ashbya gossypii* Methylthioribose-1-phosphate isomerase (MRI1)

Product Code	CSB-MP748423DOT
Abbreviation	MRI1
Storage	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.
Uniprot No.	Q75E11
Product Type	Recombinant Protein
Immunogen Species	<i>Ashbya gossypii</i> (strain ATCC 10895 / CBS 109.51 / FGSC 9923 / NRRL Y-1056) (Yeast) (<i>Eremothecium gossypii</i>)
Purity	>85% (SDS-PAGE)
Sequence	MSLQAIQFQR GDKSQVSVRV LDQLLLPYVS RYIPIQTVDD GFAVIRSMQV RGAPAIAIVG VLSVLVECQL LCNEDFVAVQ AFYDLSSYAA FGRTMRMRLA HLLGSRPTAV NLSHALRDVE RLLDSATSLS QFRDRMYDYA CELLDMDVAN NVRMGDNGAR FLLDALIAEG FDGSFAVLT CNTGSLATAG YGTALGAIRS LWQHAEAGLT APKKQKASAC APRMTHVFPL ETRPYNQGSR LTAYELLHDA IPATLITDSS VAYRIQTSPV PIKAAFVGAD RIARNGDTAN KIGTLQLALV CRHFGIRFFV VAPRSTVDGT TAAGTDIPVE ERCPDEFRRV TGAAAGATGD PTTASVAIAP RDMPVWNPAF DVTPHAYIDA IVTETRVFTK DAAGNFDLDE LFT
Source	Mammalian cell
Target Names	MRI1
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	1-403
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.