



Recombinant Schizosaccharomyces pombe

Mannose-6-phosphate isomerase (pmi40)

Product Code	CSB-YP014754SXV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O43014
Product Type	Recombinant Protein
Immunogen Species	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MYRLKCDVKS YGWGKVGHEs LAAKLAEAGY GFEVDPNTPY AELWMGSHPS GPSFVMQTGK PLSELLTPET VGEKVYKKYG KQLPFLFKVL SINKVLSIQA HPDKPLGKQL HKTNPKEYKD DNHKPEMAVA LTFDALCGF RPVKQIEQFL DSIAPLREFV GEEAVRQFKG TVKQDERKAL ETLFNELMHK DEKRIQEFTP QLVQLAKSDA NNFGGTEYGG KAFSDLIHL NSQFPDDIGL FVTPFLNYVR LHPGEAVFLR ALDPHAYVSG NIECMAASD NVIRLGFTPK FKDIETLVNN LTYQTADAKS QLTQPVVFAK ACGSGKTLLY DPPIEEFSIL QTKVSPGQKQ CIRGINGPSI LLVTEGSGIL NGDKGDVASI SPGFVYFISA NFPLTISATS EPVVVYQAFc EI
Source	Yeast
Target Names	pmi40
Protein Names	Recommended name: Mannose-6-phosphate isomerase EC= 5.3.1.8 Alternative name(s): Phosphohexomutase Phosphomannose isomerase Short name= PMI
Expression Region	1-412
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.