Recombinant Oryza sativa subsp. japonica Methylthioribose-1-phosphate isomerase (IDI2)

Product Code	CSB-EP606597OFG-B
Abbreviation	IDI2
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.	Q0ITU1
Product Type	Recombinant Protein
Immunogen Species	Oryza sativa subsp. japonica (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MGELGALQSI VYHRGSLRLL DQRKLPLEVD YIDVKCSGDG WNAIRDMVVR GAPAIAIAAA LALAVEVSGL EDFTGTPAEA AVFVSEKLEY LVSSRPTAVN LSDAATKLRS LVSRTAETEK DAKAIFQAYI DAAETMLVDD VSDNKAIGSH GAEFLKQKLE VSKDISVLTH CNTGSLATAG YGTALGVIRA LHSGGILEKA FCTETRPFNQ GSRLTAFELV HDKVPATLIA DSAAAALMKS GCIQAVIVGA DRIAANGDTA NKIGTYNLAI SAKHHGVQFY VAAPITSIDL SLPSGEQIVI EERSPNELLN SEGGLGKQVA ASGISVWNPA FDVTPANLIT AIITEKGVIT KSDADETFNI KDFIQSAKLY STMQ
Source	E.coli
Target Names	IDI2
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): Protein IRON DEFICIENCY INDUCIBLE 2 Short name= OsIDI2 S-methyl-5-thioribose-
Expression Region	1-374
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.