



Recombinant *Oryza sativa* subsp. *japonica* Methylthioribose kinase 1 (MTK1)

Product Code	CSB-EP771946OFG
Abbreviation	MTK1
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.	Q7XR61
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. <i>japonica</i> (Rice)
Purity	≥85% (SDS-PAGE)
Sequence	MAAAAEQQQQ QQQQGFRLD EASLVAYIKA TPALAAARLGG SLDALTIKEV GDGNLNFVYI VLSDAGSVVI KQALPYIRCV GDSWPMTRER AYFEASALQK HRGLCPDHVP EVYHFD RAMS LIGMRYIEPP HIILRKGLIA GVEYPLLAEH MADYMAKTLF FTSLLYNSTT DHKKGVAQYC DNVEMCRLTE QVVFSDPYML AKYNRCTSPF LDNDAAVRE DAELKLEIAE LKSMFIERAQ ALLHGD LHTG SIMVTPDSTQ VIDPEFAFYG PMGYDIGAFL GNLILAYFSQ DGHADQANDR KAYKKWILKT IEDSWNLFHK KFVELWNKHK DNGEAYLPP IYNSELLCL AQKKYMTSLF HDSLGFSAK MIRRIVGIAH VEDFESIEDA SKRASCERRA LNCAKAILKG RRQFESIGQV IVHVQSFDRD
Source	E.coli
Target Names	MTK1
Protein Names	Recommended name: Methylthioribose kinase 1 Short name= MTR kinase 1 Short name= OsMTK1 EC= 2.7.1.100
Expression Region	1-430
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.