



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

<b>Product Code</b>	CSB-EP771946OFG-B
<b>Abbreviation</b>	MTK1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7XR61
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Oryza sativa</i> subsp. japonica (Rice)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAAAAEQQQQ QQQQGFRLD EASLVAYIKA TPALAA RLGG SLDALTIKEV GDG NLFVYI 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 HDSLGF GSAK MIRRIVGIAH VEDFESIEDA SKRASCERRA LNCAKAILKG RRQFESIGQV IVHVQSFDRD
<b>Source</b>	E.coli
<b>Target Names</b>	MTK1
<b>Protein Names</b>	Recommended name: Methylthioribose kinase 1 Short name= MTR kinase 1 Short name= OsMTK1 EC= 2.7.1.100
<b>Expression Region</b>	1-430
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.