



Recombinant Thiamine-monophosphate kinase (thiL)

Product Code	CSB-MP314594EGX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P0AGG1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MACGEFSLIA RYFDRVRSSR LDVELGIGDD CALLNIPKQ TLAISTDTLV AGNHFLPDID PADLAYKALA VNLSDLAAMG ADPAWLTAL TLPDVDEAWL ESFSDSLFDL LNYDDMLQIG GDTTRGPLSM TLGIHGFVPM GRALTRSGAK PGDWIYVTGT PGDSAAGLAI LQNRLQVADA KDADYLIKRH LRPSRILQG QALRDLANSA IDLSDDLISD LGHIVKASDC GARIDLALLP FSDALSRHVE PEQALRWALS GGEDYELCFT VPELNRGALD VALGHLGVPF TCIGQMTADI EGLCFIRDGE PVTLDWKGYS HFATP
Source	Mammalian cell
Target Names	thiL
Protein Names	Recommended name: Thiamine-monophosphate kinase Short name= TMP kinase Short name= Thiamine-phosphate kinase EC= 2.7.4.16
Expression Region	1-325
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.