



Recombinant Escherichia coli O45:K1 Thiamine kinase (thiK)

Product Code	CSB-EP482679EOK-B
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.	B7MJ93
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MPFRSNNPLT RDELLSRFFP QFHPVTTFNS GLSGGSFLIE HQGQRFVVRQ PHDPDAPQSA FLRQYRALSQ LPACIAPKPH LYLRDWMVVD YLPGEVKTYL PDTNELAGLL YYLHQQPRFG WRITLLPLLE LYWQQSDPAR RTVGWLRMLK RLRKAREPRL LRLSPLHMDV HAGNLVHSAS GLKLIDWEYA GDGDIALELA AVWVENIDQH RQLVNDYATR AKIYPAQLWR QVRRWFPWLL MLKAGWFEYR WRQTGDQQFI RLADDTWRQL LIKQ
Source	E.coli
Target Names	thiK
Protein Names	Recommended name: Thiamine kinase EC= 2.7.1.89
Expression Region	1-274
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.