Recombinant Synechococcus elongatus Thiamine-monophosphate kinase (thiL)

Product Code	CSB-EP684487FPY
Abbreviation	thiL
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.	Q54757
Product Type	Recombinant Protein
Immunogen Species	Synechococcus elongatus (strain PCC 7942) (Anacystis nidulans R2)
Purity	≥85% (SDS-PAGE)
Sequence	MSDRSLSELG EQGLLPLLQA FCPAEQRGDD AAILTPPAGQ QLVVSSDVLV EGIHFSEATT PPAAIGWRAA AANLSDLAAM GATPAGITLA LALPSDRRLS WLQQIYQGLD RCLKQYDCPL IGGDLSRSPT ATLAVTALGW VNPNRVIRRS TAQVGDWIMA TGTHGLSRLG LGHLLGEWTL AEPLRDQAIA AHQAPKPRLD VVPLLARSQP AGTVWRVAGM DSSDGLADAV LQICRASQVG AVIEALPLPA TTSFDRDRLI QAALYGGEDF ELVLCLSPDW AQALLELLGE QAQVIGQITE KPVVQLRLSD RTEILSLDRG FQHFTTH
Source	E.coli
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	1-327
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.