



Recombinant Escherichia coli Hydroxymethylpyrimidine/phosphomethylpyrimidine kinase (thiD)

Product Code	CSB-EP300558ENV-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P76422
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKRINALTIA GTDPSGGAGI QADLKTFSAL GAYGCSVITA LVAQNTRGVQ SVYRIEPDFV AAQLDSVFSD VRIDTTKIGM LAETDIVEAV AERLQRYQIQ NVVLDTVMLA KSGDPLLSPS AVATLRSRLP PQVSLITPNL PEEAALLDAP HARTEQEMLE QGRSLLAMGC GAVLMKGGHL DDEQSPDWLF TREGQRFTA PRIMTKNTHG TGCTLSAALA ALRPRHTNWA DTVQEAKSWL SSALAQADTL EVGHGIGPVH HFHAWW
Source	E.coli
Target Names	thiD
Protein Names	Recommended name: Hydroxymethylpyrimidine/phosphomethylpyrimidine kinase EC= 2.7.1.49 EC= 2.7.4.7 Alternative name(s): Hydroxymethylpyrimidine kinase Short name= HMP kinase Hydroxymethylpyrimidine phosphate kinase Shor
Expression Region	1-266
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.