



Recombinant *Geobacillus thermodenitrificans* Thymidine kinase (tdk)

Product Code	CSB-EP023577GEH
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A4ITL0
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus thermodenitrificans</i> (strain NG80-2)
Purity	>85% (SDS-PAGE)
Sequence	MYVMTQSGWL EVICGSMFSG KSEELIRRIR RAQFAKQEVK VFKPTIDNRY SEDAVVSNG NSVIAIPVAT PAELFRYISA TTDVVAIDEV QFFSDDIIDV VQTLADRGYR VIAAGLDQDF RGEFPGPVA LMALAESVTK LQAVCTVCGS PASRTQRLIN GAPASYDDPI ILVGASEAYE PRCRHHHEVP GKPKKQHDHP FAERASE
Source	E.coli
Target Names	tdk
Protein Names	Recommended name: Thymidine kinase EC= 2.7.1.21
Expression Region	1-207
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.