



Recombinant *Methylococcus capsulatus* Thymidylate synthase (thyA)

Product Code	CSB-EP717089MFM-B
Abbreviation	thyA
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.	Q603S2
Product Type	Recombinant Protein
Immunogen Species	<i>Methylococcus capsulatus</i> (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MRPYLDLLRD ILDHGCPKGD RTGTGTLVSF GRMMRFDLSR GLPLVTTKKL HLPSIIHELL WFVSGSTNVR DLQRHGVTIW DEWADDNGEL GPVYGRQWRN WNGAIDQLAG LVEQLRRNPG SRLLVSAWN PSDLDAMALP PCHYAFQCHV ADGRLSLMFQ MRSADVFLGL PFNIAGYALL THMLAQQTGY EPGELIWCGG DVHLYLNHLE QARLQLTREP YPPPTLKLAR KPGSLFDYRY EDFVVEDYQA HPIKAAVAV
Source	E.coli
Target Names	thyA
Protein Names	Recommended name: Thymidylate synthase Short name= TS Short name= TSase EC= 2.1.1.45
Expression Region	1-260
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.