



Recombinant Thymidylate synthase (thyA)

Product Code	CSB-EP731502SRW-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.	Q67JQ1
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MNIEIQYLEL CREILAENEQ EIAEGRWTPN RTGMGTVGVF GRMLKHDFKE GFPALTTKKL FFNSVKAELL WFLAGRTDLE FLHERGCHIW DKDAARNGGK LGPIYGKQWR AWEGADGRTY DQIAWVIQQI REIAADPERP HPNSRRLVVS PWNVADLEEM ALPPCHGPFQ FHVKDGRHL AVWQRSADLF LGVPFNIASY SLLLHMVAQV TGLAVGTYTH YLNDVHIYRN LLDQVRLQLT REPYPLPRLW LNPEVREIDQ FTMDDIQLVD YKHHPPIRGE LST
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	1-283
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.