



Recombinant Rickettsia typhi Thymidylate synthase thyX (thyX)

Product Code	CSB-MP724314RNE
Abbreviation	thyX
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.	Q68X70
Product Type	Recombinant Protein
Immunogen Species	Rickettsia typhi (strain ATCC VR-144 / Wilmington)
Purity	≥85% (SDS-PAGE)
Sequence	MHNTTKRVTV PALEAMLYET IKVLDHGFIR VIDYMGDDSS IVQAARVSYG KGTKQLNQDK GLINYLLRHY HTTPFEMCDI KFHIKLPIFI ARQWIRHRTA SVNEYSARYS ILGNEFYLPPE PTDIASQSAI NKQCRA GDSL PKKVSEK VLA ILEEDARRCY MHYKELMNAD EDGNIIDENV AGIARELARM NLTLNYYTEW YWKINLH NLL HFLRLRTDSK AQYEIRVYAG KILDIVKAWV PFTYEAFEEY RLQGANISRK GLEVIKRM IQ GEKVIHETSG MNKREWEELV KIFR
Source	Mammalian cell
Target Names	thyX
Protein Names	Recommended name: Thymidylate synthase thyX Short name= TS Short name= TSase EC= 2.1.1.148
Expression Region	1-294
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.