



Recombinant *Bacillus clausii* Thymidylate synthase (thyA)

Product Code	CSB-YP722814BAAC
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.	Q5WDS1
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus clausii</i> (strain KSM-K16)
Purity	≥85% (SDS-PAGE)
Sequence	MEQYLQLCEH VLQNGSPKSD RTGTGTISVF GYQMRFDLEK GFPIVTTKKL HMRSIIHELL WFLKGDTNIR YLQENGVRW NEWADENGDL GPVYGKQWRS WEGANGKTVD QITEVVEQIK TNPNSRRLIV NAWNVAEIEE MALAPCHCLF QFYVNDGKLS CQLYQRSADI FLGVPFNISS YALLTMMMAQ VCGLKPGEFI HTFGDAHLYN NHIEQTKLQL TRKPKQLPTM HINPEVTDLF AFTYDDFELK HYDPYPHIKA EVSV
Source	Yeast
Target Names	thyA
Protein Names	Recommended name: Thymidylate synthase Short name= TS Short name= TSase EC= 2.1.1.45
Expression Region	1-264
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.