



Recombinant Bacillus cereus Thymidylate synthase (thyA)

Product Code	CSB-EP733986BAAD
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.	Q63BV5
Product Type	Recombinant Protein
Immunogen Species	Bacillus cereus (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MKHAENEYLN LCRHVMHEGT KKEDRTGTGT VSVFGYQMRF DLSKGFPLLT TKRVPFRLVA SELLWFMKGD TNIRYLLQHN NNIWNEWAFK SWVESDEYTG PDMTDFGLRS QQDEEFKVQY DKQMELFKKN VLEDDDFSNNK YGYLGDVYVK QWRAWKTTAG ETLDQLKDVI EMIKKTTPDSR RLIVSAWNPE DVPSMALPPC HTLFQFYVAD GKLSCQLYQR SGDFLGIPIF NIASYLLTH LIAHECGLEV GEFVHTIGDA HIYTNHFEQV EKQLAREPRP FPKLTLNPDV KSVFDFEMED LTIEGYDPHP AIKAPVAV
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	1-318
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.