



Recombinant Thymidylate synthase (thyA)

Product Code	CSB-EP025393EJE-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	A1AF39
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O1:K1 / APEC
Purity	≥85% (SDS-PAGE)
Sequence	MKQYLELMQK VLDEGTQKND RTGTGTLISIF GHQMRFNLQD GFPLVTTKRC HLRSIIHELL WFLQGDNTIA YLHENNVTIW DEWADENGDL GPVYGKQWRA WTPDGRHID QITTVLNQLK NDPDSRRIIV SAWNVGELDK MALAPCHAFF QFYVADGKLS CQLYQRSCDV FLGLPFNIAS YALLVHMMAQ QCDLEVGDFV WTGGDTHLYS NHMDQTHLQL SREPRPLPKL IIKRKPESIF DYRFEDFEIE GYDPHPGIKA PVAI
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	1-264
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.