



Recombinant Buchnera aphidicola subsp. Schizaphis graminum Thymidylate synthase (thyA)

Product Code	CSB-YP815705BXE
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.	Q8K9C3
Product Type	Recombinant Protein
Immunogen Species	Buchnera aphidicola subsp. Schizaphis graminum (strain Sg)
Purity	>85% (SDS-PAGE)
Sequence	MKQYLDLIKK IIKNGNSKKD RTGTGTLISIF GHMFKFDLKK GFPLITTKKC HIPSIIHELL WFLRGETNIK YLNENKISIW DNWADKFGDL GPIYGKQWRS WDTSNQKID QIKNVLKQIK EDPDSRRILV SSWNVGEIDK MSLAPCHILF QFYVLKKKLS CQLYQRSCDV FLGLPFNIAS YAILIHMAIQ QCNLQVGEFL WTGGDVHLYK NHVELAKKQI LRIPKKLPEL IILKKPQSLF QYSFEDFKIV GYKPYSLIK G KISV
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.