



Recombinant *Bacillus subtilis* Threonine synthase (thrC)

Product Code	CSB-EP361436BRJ
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.	P04990
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus subtilis</i> (strain 168)
Purity	>85% (SDS-PAGE)
Sequence	MWKGLIHQYK EFLPVTQTP ALTLHEGNTP LIHLPKLSEQ LGIELHVKTE GVNPTGSFKD RGMVMAVAKA KEEGNDTIMC ASTGNTSAAA AAYAARANMK CIVIIPNGKI AFGKLAQAVM YGAEIIAIDG NFDDALKIVR SICEKSPIAL VNSVNPYRIE GQKTAAFEVC EQLGEAPDVL AIPVGNAGNI TAYWKGFKY HEKNGTGLPK MRGFEAEGAA AIVRNEVIEN PETIATAIRI GNPASWDKAV KAAEESNGKI DEVTDDDEILH AYQLIARVEG VFAEPGSCAS IAGVLKQVKS GEIPKGSKVV AVLTGNGLKD PNTAVDISEI KPVTLPTDED SILEYVKGAA RV
Source	<i>E. coli</i>
Target Names	thrC
Protein Names	Recommended name: Threonine synthase Short name= TS EC= 4.2.3.1
Expression Region	1-352
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.