



Recombinant Solanum tuberosum Threonine synthase, chloroplastic

Product Code	CSB-EP878745FIG
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.	Q9MT28
Product Type	Recombinant Protein
Immunogen Species	Solanum tuberosum (Potato)
Purity	>85% (SDS-PAGE)
Sequence	ATND AISQQK HRRPADENIR EEARRHCSSH NFSARYVPFN AGPNSDEWYS LDEIVYRSRS GLLDVQHDM DALKKFDGQY WRSLFDSRVG KTTWPYGSVG WSKKEWVLPE IDSDDIVSAF EGNSNLFWAE RFGKQFLGMT DLWVKHCGIS HTGSFKDLGM TVLVSQVNRL RKMHKPVVGV GCASTGD TSA ALSAYCASAG IPSIVFLPAN KISMAQLVQP IANGAFVLSI DTDFDGCMQL IREVT AELPI YLANSLNSLR LEGQK TAAIE ILQQFDWEVP EWWIVPGGNL GNIYAFYKGF QMCKELGLVD RIPRLVCAQA ANANPLYLHY KSGWKDFKPV KANTTFASAI QIGDPV SIDR AVFALQQCNG IVEEATEEEL MDAMAQADST GMFICPHTGV ALTALFKLRN SGVIAPTDR T VVVSTAHLGLK FTQSKIDYHS KEIKDMECRF ANPPVEVKAD FGSVMDVLKS YLLSQNSKL
Source	E.coli
Protein Names	Recommended name: Threonine synthase, chloroplastic Short name= TS EC= 4.2.3.1
Expression Region	41-519
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 of Mature 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.