



Recombinant Arabidopsis thaliana Threonine synthase 2, chloroplastic (TS2)

Product Code	CSB-EP890425DOA-B
Abbreviation	TS2
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.	Q9SSP5
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	DEA RRRPHQLQNL SARYVPFNAP PSSTESYSLD EIVYRSQSGA LLDVQHDFAA LKRYDGEFWR NLFDSRVGKT NWPYGGVWS KKEWVLPEID DDDIVSAFEG NSNLFWAERF GKQYLQMN DL WVKHCGISHT GSKDLGMSV LVSQVNRLRK MNKPVIGVGC ASTGD TSAAL SAYCASAGIP SIVFLPADKI SMAQLVQPIA NGAFVLSIDT DFDGCMHLIR EVTAELPIYL ANSLNSLRLE GQKTA AIEIL QQFNWQVPDW VIVPGNLGN IYAFYKGFHM CKELGLVDRI PRLVCAQAAN ANPLYLHYKS GFKEDFNPLK ANTTFASAIQ IGDVPSIDRA VYALKKSNGI VEEATEEELM DATALADSTG MFICPHTGVA LTALMKLRKS GVIGANDRTV VVSTA HGLKF TQSKIDYHSK NIKEMACRLA NPPVKVKAKF GSVMDVLKEY LKSN DK
Source	E.coli
Target Names	TS2
Protein Names	Recommended name: Threonine synthase 2, chloroplastic EC= 4.2.3.1
Expression Region	58-516
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.