



# Recombinant Arabidopsis thaliana Threonine synthase 2, chloroplastic (TS2)

<b>Product Code</b>	CSB-EP890425DOA
<b>Abbreviation</b>	TS2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9SSP5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	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 VVSTAHLKLF TQSKIDYHSK NIKEMACRLA NPPVKVKAKF GSVMDVLKEY LKSN DK
<b>Source</b>	E.coli
<b>Target Names</b>	TS2
<b>Protein Names</b>	Recommended name: Threonine synthase 2, chloroplastic EC= 4.2.3.1
<b>Expression Region</b>	58-516
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.