



# Recombinant Zea mays Tryptophan synthase beta chain 2, chloroplastic (TSB2)

<b>Product Code</b>	CSB-EP331786ZAX
<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>	P43284
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Zea mays (Maize)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	QRPDA MGRFGRFGGK YVPETLMHAL TELESAFHAL ATDDEFQKEL DGILKDYVGR ESPLYFAERL TEHYKRADGT GPLIYLKRED LNHTGAHKIN NAVAQALLAK RLGKQRIIAE TGAGQHGVAT ATVCRRFGLQ CIIYMGAQDM ERQALNVFRM RLLGAEVRVAV HSGTATLKDA TSEAIRDWVT NVETTHYILG SVAGPHPYPM MVREFHKVIG KETRRQAMDK WGGKPDVLA CVGGGSNAMG LFHEFVEDQD VRLVGLAAG HGVDTDKHAAL TLTKGQVGV HGSMSYLLQD DDGQVIEPHS ISAGLDYPGV GPEHSFLKDI GRAEYDSVTD QEALDAFKRV SRLEGIIPAL ETSALAYLE KLCPTLADGV RVVVNCSSRG DKDVHTASKY LDV
<b>Source</b>	E.coli
<b>Target Names</b>	TSB2
<b>Protein Names</b>	Recommended name: Tryptophan synthase beta chain 2, chloroplastic EC=4.2.1.20 Alternative name(s): Orange pericarp 2
<b>Expression Region</b>	46-443
<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.