



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

Product Code	CSB-EP331786ZAX-B
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.	P43284
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	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 HGVDTDKHAA TLTKGQVGV HGSMSYLLQD DDGQVIEPHS ISAGLDYPGV GPEHSFLKDI GRAEYDSVTD QEALDAFKRV SRLEGIIPAL ETSALAYLE KLCPTLADGV RVVVNCSSGRG DKDVHTASKY LDV
Source	E.coli
Target Names	TSB2
Protein Names	Recommended name: Tryptophan synthase beta chain 2, chloroplastic EC= 4.2.1.20 Alternative name(s): Orange pericarp 2
Expression Region	46-443
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.