



Recombinant Zea mays Tryptophan synthase beta chain 1 (TSB1)

Product Code	CSB-EP337369ZAX
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.	P43283
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	>85% (SDS-PAGE)
Sequence	GRFGGKYVPE TLMHALTELE NAFHALATDD EFQKELDGIL KDYVGRESPL YFAERLTEHY KRADGTGPLI YLKREDLNHR GAHKINNAVA QALLAKRLGK QRIIAETGAG QHGVATATVC ARFGLQCIY MGAQDMERQA LNVFRMKLLG AEVRAVHSGT ATLKDATSEA IRDWVTNVET THYILGSVAG PHPYPMVMRE FHKVIGKETR RQAMHKWGGK PDVLVACVGG GSNAMGLFHE FVEDQDVRLI GVEAAGHGVD TDKHAATLTK GQVGVHLGSM SYLLQDDDGQ VIEPHSISAG LDYPGVGPEH SFLKDIGRAE YDSVTDQEAL DAFKRVSRLI GIIPALETSH ALAYLEKLCP TLPDGVRVVL NCSGRGDKDV HTASKYLDV
Source	E.coli
Target Names	TSB1
Protein Names	Recommended name: Tryptophan synthase beta chain 1 EC= 4.2.1.20 Alternative name(s): Orange pericarp 1
Expression Region	1-389
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 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.