



# Recombinant Escherichia coli O45:K1 Tryptophan synthase beta chain (trpB)

<b>Product Code</b>	CSB-YP487811EOK
<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>	B7ML77
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O45:K1 (strain S88 / ExPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTLLNPNYFG EFGGMYVPQI LMPALRQLEE AFVSAQKDPE FQAQFNDLLK NYAGRPTALT KCQNITAGTN TTLYLKREDL LHGGAHKTNQ VLGQALLAKR MGKTKIAET GAGQHGVASA LASALLGLKC RIYMGAKDVE RQSPNVFRMR LMGAEVIPVH SGSATLKDAC NEALRDWSGS YETAHYMLGT AAGPHPYPTI VREFQRMIGE ETKAQILERE GRLPDAVIAC VGGGSNAIGM FADFINETDV GLIGVEPGGH GIETGEHGAP LKHGRVGIYF GMKAPMMQTE DGQIEESYSI SAGLDFPSVG PQHAYLNSTG RADYVSITDD EALEAFKTLK LHEGIIPALE SSHALAHALK MMRENPEKEQ LLVVNLSGRG DKDIFTVHDI LKARGEI
<b>Source</b>	Yeast
<b>Target Names</b>	trpB
<b>Protein Names</b>	Recommended name: Tryptophan synthase beta chain EC= 4.2.1.20
<b>Expression Region</b>	1-397
<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 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.