



Recombinant *Erwinia carotovora* subsp. atroseptica Tryptophan synthase beta chain (trpB)

Product Code	CSB-EP724847EAAB-B
Abbreviation	trpB
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.	Q6D4U0
Product Type	Recombinant Protein
Immunogen Species	Pectobacterium atrosepticum (strain SCRI 1043 / ATCC BAA-672) (<i>Erwinia carotovora</i> subsp. atroseptica)
Purity	≥85% (SDS-PAGE)
Sequence	MTLLNPYFGE FGGQFVPQIL IPALRQLEEA FVSAQKDPEF QAEFTDLLKN YAGRPTALT CKNLTAGTKT KLYLKREDLL HGGAHKTNQV LGQALLAKRM GKSEIIAETG AGQHGVATAL ACALLGLKCR VYMGAKDVER QSPNVFRMRL MGAEVIPVHS GSSTLKDACN EALRDWSGSY ETAHYLLGTA AGPHPYPTIV REFQRMIGEE TKAQILEKEG RLPDAVLACV GGGSNAIGMF ADFIDDTHVR LIGIEPGGLG IESGQHGAPL KHGRVGIYFG MKSPMMQTS D GQIEESYSIS AGLDFPSVGP QHAYLNSIGR ADYVSITDDE ALDAFKALCR GEGIIPALES SHALAHALKM IKAEPEKEQL LVVNLSGRGD KDIFTVHDIL KDRGEI
Source	E.coli
Target Names	trpB
Protein Names	Recommended name: Tryptophan synthase beta chain EC= 4.2.1.20
Expression Region	1-396
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.