



Recombinant Escherichia coli Trehalose-6-phosphate phosphatase (otsB)

Product Code	CSB-EP329093ENV
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.	P31678
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MTEPLTETPE LSAKYAWFFD LDGTLAEIKP HPDQVVVPDN ILQGLQLLAT ASDGALALIS GRSMVELDAL AKPYRFPLAG VHGAERRDIN GKTHIVHLPD AIARDISVQL HTVIAQYPGA ELEAKGMAFA LHYRQAPQHE DALMTLAQRI TQIWPQMALQ QGKCVVEIKP RGTSKGEAIA AFMQEAPFIG RTPVFLGDDL TDESGFAVVN RLGGM SVKIG TGATQASWRL AGVPDVWSWL EMITTALQQK RENNRSDDYE SFSRSI
Source	E.coli
Target Names	otsB
Protein Names	Recommended name: Trehalose-6-phosphate phosphatase Short name= TPP EC= 3.1.3.12 Alternative name(s): Osmoregulatory trehalose synthesis protein B Trehalose 6-phosphate phosphatase Trehalose-phosphatase
Expression Region	1-266
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.