



Recombinant Cytoplasmic trehalase (treF)

Product Code	CSB-EP812532EGX
Abbreviation	treF
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.	Q8FCI4
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MLNQKIQNPN PDELMIEVDL CYELDPYELK LDEMIEAEPE PEMIEGLPAS DALTPADRYL ELFEHVQSAK IFPDSKTFPD CAPKMDPLDI LIRYRKVRRH RDFDLRKFVE NHFWLPEVYS SEYVSDPQNS LKEHIDQLWP VLTREPQDHI PWSSLLALPQ SYIVPGGRFS ETTYWDSYFT MLGLAESGRE DLLKCMADNF AWMIENYGHI PNGNRTYYLS RSQPPVFALM VELFEEDGVR GARRYLDHLK MEYAFWMDGA ESLIPNQAYR HVVRMPDGSL LNRYWDDRDT PRDESWLEDV ETAKHSGRPP NEVYRDLRAG AASGWDYSSR WLRDTGRLAS IRTTQFIPID LNAFLFKLES AIANISALKG EKETEALFRQ KASARRDAVN RYLWDDENGI YRDYDWRREQ LALFSAAAIV PLYVGMANHE QADRLANAVR SLLTPGGIL ASEYETGEQW DKPNGWAPLQ WMAIQGFKMY GDDLLGDEIA RNWLKTVNQF YLEQHKLIEK YHIADGVPRE GGGGEYPLQD GFGWTNGVVR RLIGLYGEP
Source	E.coli
Target Names	treF
Protein Names	Recommended name: Cytoplasmic trehalase EC= 3.2.1.28 Alternative name(s): Alpha,alpha-trehalase Alpha,alpha-trehalose glucohydrolase
Expression Region	1-549
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.