



Recombinant Escherichia coli O45:K1 Cytoplasmic trehalase (treF)

Product Code	CSB-EP484385EOK
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.	B7MEM1
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MLNQKIQNPNPDELMIEVDLCYELDPYELKLDemieaePEPEMIEGLPASDALT PADRYL ELFEHVQSAKIFPDSKTFPDCAPKMDPLDILIRYRKVRRHRDFDLRKFVENHFW LPEVYS SEYVSDPQNSLKEHIDQLWPVLTREPQDHPWSSLLALPQSYIVPGGRFSETY YWDSYFT MLGLAESGREDLLKCMADNFAWMIENYGHIPNGNRTYYLSRSQPPVFALMVE LFEEDGVR GARRYLDHLKMEYAFWMDGAESLIPNQAYRHVVRMPDGSLLNRYWDDRDTP RDESWLEDV ETAKHSGRPPNEVYRDLRAGAASGWDYSSRWLRDTGRLASIRTTQFIPIDLNA FLFKLES AIANISALKGEKETEALFRQKASARRDAVNRYLWDDENGIYRDYDWRREQLAL FSAAAIV PLYVGMANHEQADRLANAVRSRLTPGGILASEYETGEQWDKPNGWAPLQW MAIQGFKMY GDDLLGDEIARNWLKTVNQFYLEQHKLIEKYHIADGVPREGGGGEYPLQDGFG WTNGVVR 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

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