



# Recombinant Escherichia coli O45:K1 Cytoplasmic trehalase (treF)

<b>Product Code</b>	CSB-EP484385EOK-B
<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>	B7MEM1
<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>	MLNQKIQNPNPDELMIEVDLCYELDPYELKLDemieaePEPEMIEGLPASDALT PADRYL ELFEHVQSAKIFPDSKTFPDCAPKMDPLDILIRYRKVRRHRDFDLRKFFVENHFW LPEVYS SEYVSDPQNSLKEHIDQLWPVLTREPQDHPWSSLLALPQSYIVPGGRFSETY YWDSYFT MLGLAESGREDLLKCMADNFAWMIENYGHIPNGNRTYYLSRSQPPVFALMVE LFEEDGVR GARRYLDHLKMEYAFWMDGAESLIPNQAYRHVVRMPDGSLNRYWDDRDTP RDESWLEDV ETAKHSGRPPNEVYRDLRAGAASGWDYSSRWLRDTGRLASIRTTQFIPIDLNA FLFKLES AIANISALKGEKETEALFRQKASARRDAVNRYLWDDENGIYRDYDWRREQLAL FSAAAIV PLYVGMANHEQADRLANAVRSRLTPGGILASEYETGEQWDKPNGWAPLQW MAIQGFKMY GDDLLGDEIARNWLKTVNQFYLEQHKLIEKYHIADGVPREGGGGEYPLQDGFG WTNGVVR RLIGLYGEP
<b>Source</b>	E.coli
<b>Target Names</b>	treF
<b>Protein Names</b>	Recommended name: Cytoplasmic trehalase EC= 3.2.1.28 Alternative name(s): Alpha,alpha-trehalase Alpha,alpha-trehalose glucohydrolase
<b>Expression Region</b>	1-549
<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.

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