



Recombinant Periplasmic trehalase (treA)

Product Code	CSB-EP807643EGX-B
Abbreviation	treA
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.	Q8CW46
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	EETSVTPQPP DILLGPLFND VQNAKLFDPQ KTFADAVPNS DPLMILADYR MQQNQSGFDL RHFVNVNFTL PKEGEKYVPP EGQSLREHID GLWPVLTRST ENTEKWDSLL PLPKPYVVPD GRFREVYYWD SYFTMLGLAE SGHWDKVADM VANFAHEIDT YGHIPNGNRS YYLSRSQPPF FALMVELLAQ HEGDAALKQY LPQMKEYAY WMDGVENLQA GQKEKRVVKL QDGTLLNRYW DDRDTPRPES WVEDIATAKS NPNRPATEIY RDLRSAAASG WDFSSRWMDN PQLNLTTRTT SIVPVDLNSL MFKMEKILAR ASKAAGDNAM ANQYETLANA RQKGIEKYLW NDQQGWYADY DLKSHKVRNQ LTAAALFPLY VNAAAKDRAS KMATATKTHL LQPGGLNTTS VKSGQQWDAP NGWAPLQWVA TEGLQNYGQK EVAMDISWHF LTNVQHTYDR EKKLVEKYDV SATGTGGGGG EYPLQDGFQW TNGVTLKMLD LICPKEQPCD NVPATRPLSE STTQPVKQKE AEPTP
Source	E.coli
Target Names	treA
Protein Names	Recommended name: Periplasmic trehalase EC= 3.2.1.28 Alternative name(s): Alpha,alpha-trehalase Alpha,alpha-trehalose glucohydrolase
Expression Region	31-565
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 of Mature 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.