



Recombinant Periplasmic trehalase (treA)

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| Product Code | CSB-EP807643EGX |
| 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 PLPKPYVVP GGRFREYVYWD SYFTMLGLAE SGHWDKVADM VANFAHEIDT YGHIPNGNRS YYLSRSQPPF FALMVELLAQ HEGDAALKQY LPQMKEYAY WMDGVENLQA GQQEKRVVKL QDGTLLNRYW DDRDTPRPES WVEDIATAKS NPNRPATEIY RDLRSAAASG WDFSSRWMDN PQQNLTRTT SIVPVDLNSL MFKMEKILAR ASKAAGDNAM ANQYETLANA RQKGIEKYLW NDQQGWYADY DLKSHKVRNQ LTAAALFPLY VNAAAKDRAS KMATATKTHL LQPGGLNTTS VKSGQQWDAP NGWAPLQWVA TEGLQNYGQK EVAMDISWHF LTNVQHTYDR EKKLVEKYDV SATGTGGGGG EYPLQDGF GW 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.