



# Recombinant Escherichia coli Periplasmic trehalase (treA)

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| <b>Product Code</b>      | CSB-YP535567ENP  |
| <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>       | B1IU96   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | EETPVTPQPPDILLGPLFNDVQNAKLFDPDQKTFADAVPNSDPLMILADYRMQQ<br>NQSGFDL<br>RHFVNVNFTLPKEGEKEYVPPEGQSLREHIDGLWPVLTRSTENTEKWDSLPLP<br>EPYVVP<br>GRFREYVYWDSYFTMLGLAESGHWDKVDAMVANFAHEIDTYGHIPNGNRSYY<br>LSRSQPPF<br>FALMVELLAQHEGDAALKQYLPQMKEYAYWMDGVENLQAGQQEKRVVKLQ<br>DGTLLNRYW<br>DDRDTPRPESWVEDIATAKSNPNRPATEIYRDLRSAAASGWDFSSRWMDNP<br>QQLNTRLRTT<br>SIVPVDLNSLMFKMEKILARASKAAGDNAMANQYETLANARQKGIEKYLWNDQ<br>QGWIYADY<br>DLKSHKVRNQLTAAALFPLYVNAAAKDRANKMATATKTHLLQPGGLNTTSVKS<br>GQQWDAP<br>NGWAPLQWVATEGLQNYGQKEVAMDISHWFLTNVQHTYDREKKLVEKYDVS<br>TTGTGGGGG<br>EYPLQDGFNGVTNLKMLDLICPKEQPCDNVPATRPTVKSATTQPSTKEAQ<br>PTP |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | treA   |
| <b>Protein Names</b>     | Recommended name: Periplasmic trehalase EC= 3.2.1.28 Alternative name(s): Alpha,alpha-trehalase Alpha,alpha-trehalose glucohydrolase   |
| <b>Expression Region</b> | 31-565   |
| <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 of Mature 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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