



Recombinant Escherichia coli Glycogen debranching enzyme (glgX)

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| Product Code | CSB-EP001446ENU-B |
| Storage | Store at -20°C, for extended storage, conserve at -20°C or -80°C. |
| Uniprot No. | C4ZVY1 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli (strain K12 / MC4100 / BW2952) |
| Purity | >85% (SDS-PAGE) |
| Sequence | <p>MTQLAIGKPA PLGAHYDGQG VNFTLFSAHA ERVELCVFDA NGQEHRYDLP GHSGLDIWHGY LPDARPGRLY GYRVHGPWQP AEGHRFNPAK LLIDPCARQI DGEFKDNPLL HAGHNEPDYR DNAAIAPKCV VVDHYDWED DAPRTPWGS TIIYEAHVKG LTYLHPEIPV EIRGTYKALG HPVMINYLKQ LGITALELLP VAQFASEPRL QRMGLSNIYWG YNPVAMFALH PAYACSPETA LDEFRDAIKA LHKAGIEVIL DIVLNHSAEL DLDGPLFSLR GIDNRSYYWI REDGDYHNWT GCGNTLNLSH PAVVDYASAC LRYWVETCHV DGFRFDLAAV MGRTPEFRQD APLFTAIQNC PVLSQVKLIA EPWDIAPGGY QVGNFPPLFA EWNDHFRDAA RRFWLHYDLP LGAFAGRFAA SSDVFKRNGR LPSAAILNLT AHDGFTLRDC VCFNHKHNEA NGEENRDGTN NNYSNNHGKE GLGGLDLVE RRRDSIHALL TTLLSQGTP MLLAGDEHGH SQHGNNNAYC QDNQLTWLDW SQASSGLTAF TAALHLRKR IPALVENRWW EEGDGNVRWL NRYAQPLSTD EWQNGPKQLQ ILLSDRFLIA INATLEVTEI VLPAGEWHAI PPFAGEDNPV ITAVWQGPAH GLCVFQR</p> |
| Source | E.coli |
| Target Names | glgX |
| Protein Names | Recommended name: Glycogen debranching enzyme EC= 3.2.1.- Alternative name(s): Glycogen operon protein GlgX |
| Expression Region | 1-657 |
| 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 | 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.