Recombinant Escherichia coli Glycogen debranching enzyme (glgX)

Product Code	CSB-EP001446ENX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B1LI92
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain SMS-3-5 / SECEC)
Purity	>85% (SDS-PAGE)
Sequence	MTQLAIGKPT PLGAHYDGQG VNFTLFSAHA ERVELCVFDA NGQEHRYDLP GHSGDIWHGY LPDARPGLRY GYRVHGPWQP AEGHRFNPAK LLIDPCARQI DGEFKDNPLL HAGHNEPDYR DNAAIAPKCV VVVDHYDWED DAPPRTPWGS TIIYEAHVKG LTYLHPEIPV EIRGTYKALG HPVMINYLKQ LGITALELLP VAQFASEPRL QRMGLSNYWG YNPVAMFALH PAYACSPETA LDEFRDAIKA LHKAGIEVIL DIVLNHSAEL DLDGPLFSLR GIDNRSYYWI REDGDYHNWT GCGNTLNLSH PAVVDYASAC LRYWVETCHV DGFRFDLAAV MGRTPEFRQD APLFTAIQNC PVLSQVKLIA EPWDIAPGGY QVGNFPPLFA EWNDHFRDAA RRFWLHYDLP LGAFAGRFAA SSDVFKRNDR LPSAAINLVT AHDGFTLRDC VCFNHKHNEA NGEENRDGTN NNYSNNHGKE GLGGTLDLVE RRRDSIHALL TTLLLSQGTP MLLAGDEHGH SQHGNNNAYC QDNQLTWLDW SQASSGLTAF TAALIHLRKR IPALVENRWW EEGDGNVRWL NRYAQPLSTD EWQNGPKQLQ ILLSDRFLIA INATLEVTEI VLPAGEWHAI PPFAGEDNPV ITAVWQGPAH GLCVFQR
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.