



Recombinant Glycogen debranching enzyme (glgX)

Product Code	CSB-EP811256EGX
Abbreviation	glgX
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.	Q8FCR8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTQLAIGKPT PLGAHYDGQG VNFTLFSAHA ERVELCVFDA NGQEHRYDLP GHSGDIWHGY LPDARPLRY GYRVHGPWQP AEGHRFNPAK LLIDPCARQI DGEFKDNPLL HAGHNEPDYR DNASIAPKCV VVDHYDWED DAPRTPWGS TIIYEAHVKG LTYLHPEIPV EIRGTYKALG HPVMINYLKQ LGITALELLP VAQFASEPRL QRMGLSNIYWG YNPVAMFALH PAYACSPETA LDEFDRDAIKA LHKAGIEVIL DIVLNHSAEL DLDGPLFSLR GIDNRSYYWI REDGDYHNWT GCGNTLNLSH PAVVDYASAC LRYWVETCHV DGFRFDLAAV MGRTPEFRQD APLFTAIQNC PVLSQVKLIA EPWDIAPGGY QVGNFPPLFA EWNDHFRDAA RRFWLHYDLP LGVFAGRFAA SSDVFKRNDR LPSAAINLVT AHDGFTLRDC VCFNHKHNEA NGEENRDGTN NNYSNHHGKE GLGGTLDLVE RRRDSIHALL TLLLSQGTTP MLLAGDEHGH SQHGNNNAYC QDNQLTWLDW SQASSGLTAF TAALHLRKR IPALMENRWW 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

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