



Recombinant Glycogen debranching enzyme (glgX)

Product Code	CSB-MP855542EOD
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.	Q8X6X8
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MTQLAIGKPA PLGAHYDGQG VNFTLFSAHA ERVELCVFDA NGQEHRYDLP GHSGDIWHGY LPDARPGLRY GYRVHGPWQP AEGHRFNPAK LLIDPCARQI DGEFKDNPLL HAGHNEPDYR DNAAIAPKCV VVDHYDWED DAPPRTPWGS TIIYEAHVKG LTYLHPEIPV EIRGTYKALG HPVMINYLKQ LGITALELLP VAQFASEPRL QRMGLSNIYWG YNPVAMFALH PAYACSPETA LHEFRDAIKA LHKAGIEVIL DIVLNHSAEL DLDGPLFSLR GIDNRSYYWI REDGDYHNWT GCGNTLNLSH PAVVDYASAC LRYWVETCHV DGFRFDLAAV MGRTPEFRQD APLFTAIQNC PVLSQVKLIA EPWDIAPGGY QVGNFPPLFA EWNDHFRDAA RRFWLHYDLP LGAFAGRFAA SSDVFKRNGR LPSAAINLVT AHDGFTLRDC VCFNHKHNEA NGEENRDGTN NNYSNHHGKE GVGGLDLVE RRRDSIHALL TLLLSQGTTP MLLAGDEHGH SQHGNNNAYC QDNQLTWLDW SQASSGLTAF TAALHLRKR IPALVENRWW EEGDGNVRWL NRYAQPLSTD EWQNGPKQLQ ILLSDRFLIA INATLEVTEI VLPAGEWHAI PPFAGEDNPV ITAVWQGPAH GLCVFQR
Source	Mammalian cell
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.