



Recombinant 1,4-alpha-glucan branching enzyme GlgB (glgB)

Product Code	CSB-MP808181EGX
Abbreviation	glgB
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.	Q8FCR7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MSDRIDRDVI NALIAGHFAD PFSVLGMHKT TAGLEVRALL PDATDVWVIE PKTGRKLAKL ECLDSRGFFS GVIPRRKNFF RYQLAVVWHG QQNLIDDPYR FGPLIQEMDA WLLSEGTHLR PYETLGAHAD TMDGVTGTRF SVWAPNARRV SVVGQFNYWD GRRHPMRLRK ESGIWELFIP GAHNGQLYKY EMIDANGNLR LKSDPYAFEA QMRPETASLI CSLPEKVVQT EERKKANQFD APISIEVHL GSWRRHTDNN FWLSYRELAD QLVPYAKWVG FTHLELLPIN EHPFDGSWGY QPTGLYAPTR RFGTRDDFRY FIDAAHAAGL NVILDWVPGH FPTDDFALAE FDGTNLYEHS DPREGYHQDW NTLIYNYGRR EVSNFLVGNA LYWIERFGID ALRVDVAVASM IYRDYSRKEG EWIPNEFGGR ENLEAIEFLR NTNRILGEQV SGAVTMAEES TDFPGVSRPQ DMGGLGFWYK WNLGWMHDTL DYMKLDPIYR QYHHDKLTFG MLYNYTENFV LPLSHDEVVH GKKSILDRMP GDAWQKFANL RAYYGWMAF PGKLLFMGN EFAQGREWNH DASLDWHLLE GGDNWHHGVSQ RLVRDLNHTY RHHKAMHELD FDPYGFELV VDDKERSVLI FVRRDKEGNE IIVASNFTPV PRHDYRFGIN QPGKWREILN TDSMHHYHGSN AGNGGAVHSD EIASHGRQHS LSLTLPLAT IWLVREAE
Source	Mammalian cell
Target Names	glgB
Protein Names	Recommended name: 1,4-alpha-glucan branching enzyme GlgB EC= 2.4.1.18 Alternative name(s): 1,4-alpha-D-glucan:1,4-alpha-D-glucan 6-glucosyl- transferase Alpha-(1->4)-glucan branching enzyme Glycogen branching enzyme Short name=
Expression Region	1-728
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.