



# Recombinant Escherichia coli O6:K15:H31 1,4-alpha-glucan branching enzyme GlgB (glgB)

<b>Product Code</b>	CSB-EP609779EGY
<b>Abbreviation</b>	glgB
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q0TC27
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O6:K15:H31 (strain 536 / UPEC)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MSDRIDRDVI NALIAGHFAD PFSVLGMHKT TAGLEVRALL PDATDVWVIE PKTGRKLAKL ECLDSRGFFS GVIPRRKNFF RYQLAVVWHG QQNLIDDPYR FGPLIQEMDA WLLSEGTHLR PYETLGAHAD TMDGVTGTRF SVWAPNARRV SVVGQFNKYWD GRRHPMRLRK ESGIWELFIP GAHNGQLYKY EMIDANGNLR LKSDPYAFEA QMRPETASLI CGLPEKVVTQ EERKKANQFD APISIEVHL GSWRRHTDNN FWLSYRELAD QLVPYAKWVG FTHLELLPIN EHPFDGSWGY QPTGLYAPTR RFGTRDDFRY FIDAAHAAGL NVILDWVPGH FPTDDFALAE FDGTNLYEHS DPREGYHQDW NTLIYNYGRR EVSNFLVGNA LYWIERFGID ALRVDVAVSM IYRDYSRKEG EWIPNEFGGR ENLEAIEFLR NTNRILGEQV SGAVTMAEES TDFPGVSRPQ DMGGLGFYWK WNLGWMHDTL DYMKLDPIYR QYHHDKLTFG MLYNYTENFV LPLSHDEVVH GKKSILDRMP GDAWQKFANL RAYYGWMAF PGKLLFMGN EFAQGREWNH DASLDWHLLE GGDNWHHGVQ RLVRDLNLTY RHHKAMHELD FDPYGFELV VDDKERSVLI FVRRDKEGNE IIVASNFTPV PRHDYRFGIN QPGKWREILN TDSMHHYHGSN AGNGGAVHSD EIASHGRQHS LSLTLPLAT IWLVREAE
<b>Source</b>	E.coli
<b>Target Names</b>	glgB
<b>Protein Names</b>	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=
<b>Expression Region</b>	1-728
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	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.