



Recombinant Escherichia coli Glycogen synthase (glgA)

Product Code	CSB-YP514396ENU
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.	C4ZVX9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	<pre>MQVLHVCSEM FPLLKTGGLA DVIGALPAAQ IADGVDARVL LPAFPDIRRG VTDAQVVSRR DTFAGHITLL FGHYNGVGIY LIDAPHYDR PGSPYHDTNL FAYTDNVLRF ALLGWVGAEM ASGLDPFWRP DVVHAHDWHA GLAPAYLAAR GRPAKSVFTV HNLAYQGMFY AHMNDIQLP WSFFNIHGLE FNGQISFLKA GLYYADHITA VSPTYAREIT EPQFAYGMEG LLQQRHREGR LSGVLNGVDE KIWSPETDLL LASRYTRDTL EDKAENKRQL QIAMGLKVDD KVPLFAVVSRLTSQKGLDLV LEALPGLLEQ GGQLALLGAG DPVLQEGFLA AAAEYPGQVG VQIGYHEAFS HRIMGGADVI LVPSRFEPFG LTQLYGLKYG TLPLVRRRTGG LADTVSDCSL ENLADGVASG FVFEDSNAWS LLRAIRRAFV LWSRPSLWRF VQRQAMAMDF SWQVAASKSYR ELYYRLK</pre>
Source	Yeast
Target Names	glgA
Protein Names	Recommended name: Glycogen synthase EC= 2.4.1.21 Alternative name(s): Starch [bacterial glycogen] synthase
Expression Region	1-477
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.