



Recombinant *Bacillus licheniformis* Glycogen synthase (glgA)

Product Code	CSB-YP723858BQU
Abbreviation	glgA
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.	Q65FS7
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus licheniformis</i> (strain ATCC 14580 / DSM 13 / JCM 2505 / NBRC 12200 / NCIMB 9375 / NRRL NRS-1264 / Gibson 46)
Purity	≥85% (SDS-PAGE)
Sequence	MKVLFAVSEC VPFVKSGGLA DVAGALPKEL ALLGIETVVM MPKYSLIAED VRRRMVKTAE CEVRVGWRRQ FCGIEHLEHD GVSYYFLDHG YYFNRRDSLYG HYDDGERFAF FSRVLEALY ALNFEADVIH THDWHTGMVN YLLKEEYRKK PFYQHMKSVF TIHNLQFQGI FPKEAVHDLL GLDISHTTE KLEFYGNINY MKGGIIAADQ VTTVSPTYRD EILTPYYGER LEGVLSDKKD ALTGILNGID DVLYDPLNDP HIDYHYDAVN RDGKRKNKAV IQKTFGLPVN EDIPLISMVA RLTKQKGFDL IKRVLHELFE EEDMQLIVLG TGEAEFENYF RYMEHAFPD CKAYIGFHEP LSRKIYAASD LFLMPSKFEP CGLGQLIALR YGAVPVVRET GGLHDTVAY RETTGEGNGF TFAHFNAHDM KHTIKRALSF YHRKEEWGRI VQKAMTHDVS WALSARQYQR LYSREIKGEA HVLK
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	1-484
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.



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