



Recombinant Prochlorococcus marinus subsp. pastoris Bifunctional protein GlmU (glmU)

Product Code	CSB-YP763361EYQ
Abbreviation	glmU
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.	Q7V274
Product Type	Recombinant Protein
Immunogen Species	Prochlorococcus marinus subsp. pastoris (strain CCMP1986 / NIES-2087 / MED4)
Purity	≥85% (SDS-PAGE)
Sequence	MLTVAILAAG KGTRMTSLLP KVLHKLSGKT LLQRVINSCN ELKPDKIFII VGHKSEVEE SVLKNKNIHF IVQNPQKGTG HAIQVLSQEV KKHEGNLMVL NGDVPLIAE TLRDLINFHD SKTADVSLIT SRKKNPHGYG RVFTKNNLIE RIVEEKDCNK DERSNLLTNA GIYCFSWKRL SKIINTLKS NQKEIYLT TISLLKNSYS FEVEDNGELQ GINN RVQLSE CEETIQTLIK RKHMLGGVTF INPASCISE ESIIGLDVII EANTHIRGNS RISNNCRIGP NSFIKDAIIN ENCEIINSTI FDSKIMDHVK IGPYSHIRPN CEISSKSKIG NFVEIKNSQL DQEVKVNHL S YIGDSKVGKY TNIGAGTITA NFDGAKKYQT NIGKNSSIGA NTVLIAPINL GDSVTTGAGS VITEDSKNNS LAIARSKQIN IENWKKNKS
Source	Yeast
Target Names	glmU
Protein Names	Recommended name: Bifunctional protein GlmU Including the following 2 domains: UDP-N-acetylglucosamine pyrophosphorylase EC= 2.7.7.23 Alternative name(s): N-acetylglucosamine-1-phosphate uridyltransferase Glucosamine-1-phosphate
Expression Region	1-449
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

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