Recombinant Bifunctional protein GlmU (glmU)

Product Code	CSB-MP769440SZB
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.	Q83IY3
Product Type	Recombinant Protein
Immunogen Species	Shigella flexneri
Purity	>85% (SDS-PAGE)
Sequence	MLNNAMSVVI LAAGKGTRMY SDLPKVLHTL AGKAMVQHVI DAANELGAAH VHLVYGHGGD LLKQALKDDN LNWVLQAEQL GTGHAMQQAA PFFADDEDIL MLYGDVPLIS VETLQRLRDA KPQGGIGLLT VKLDDPTGYG RITRENGKVT GIVEHKDATD EQRQIQEINT GILIANGADM KRWLAKLTNN NAQGEYYITD IIALAYQEGR EIVAVHPQRL SEVEGVNNRL QLSRLERVYQ SEQAEKLLLA GVMLRDPARF DLRGTLTHGR DVEIDTNVII EGNVTLGHRV KIGTGCVIKN SVIGDDCEIS PYTVVEDANL AAACTIGPFA RLRPGAELLE GAHVGNFVEM KKARLGKGTK AGHLTYLGDA EIGDNVNIGA GTITCNYDGA NKFKTIIGDD VFVGSDTQLV APVTVGKGAT IAAGTTVTRN VGENALAISR VPQTQKEGWR RPVKKK
Source	Mammalian cell
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	1-456
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.