



Recombinant Escherichia coli O8 Bifunctional protein GImU (glmU)

| | |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Code | CSB-EP484305E00-B |
| 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. | B7M586 |
| Product Type | Recombinant Protein |
| Immunogen Species | Escherichia coli O8 (strain IA11) |
| 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 IALAYQEGR EIVAVHPQRL SEVEGVNNRL QLSRLERVYQ SEQAEKLLLA GVMLRDPARF DLRGTLAHGR DIEIDTNVII EGNVTLGHRV KIGTGCVIKN SVIGDDCEIS PYTIVEDANL AAACITGPFA RLTPGAELLE GAHVGNFVEM KKARLGKGSK AGHLTYLGDA EIGDNNVIGA GTITCNYDGA NKFKTIIGDD VFIGSDTQLV APVTVGKGAT IAAGTTVTRN VGENALAIR VPQTQKEGWR RPVKKK |
| Source | E.coli |
| Target Names | glmU |
| Protein Names | Recommended name: Bifunctional protein GImU Including the following 2 domains: UDP-N-acetylglucosamine pyrophosphorylase EC= 2.7.7.23 Alternative name(s): N-acetylglucosamine-1-phosphate uridylyltransferase 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.