



Recombinant Burkholderia pseudomallei

Bifunctional protein GlmU (glmU)

Product Code	CSB-YP717508BXW
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.	Q63Y75
Product Type	Recombinant Protein
Immunogen Species	Burkholderia pseudomallei (strain K96243)
Purity	≥85% (SDS-PAGE)
Sequence	MNIVILAAGT GKRMRSA LPK VLHPLAGRPL LSHVIDTARA LAPSRLVVVI GHGAEQVRAA VAAPDVQFAV QEQLGTGHA VRQALPLLDQ SQPTLVLYGD VPLTRTATLK RLADAATDAR YGVLTVTLLD PTGYGRIVRD QAGCVTRIVE QKDA SPDEL R IDEINTGIVV APTAQLSMWL GALGNDNAQG EYYLTDVVEQ AIEAGFEIVT TQPDDGWETL GVNSKAQLAE LERIHQRNLA DALLAAGVTL ADPARIDVRG TLACGRD VSI DVNCFEGDV TLADGVTIGA NCVIRHAAIA AGARVDAFSH LDGATVGANA VVGPYARLRP GAVLAADAHV GNFVEVKNAT LGQGSKANHL TYLGADIGA RVNVGAGTIT CNYDGANKFR TVIEDDV FVG SDTQFVAPVR VGRGVTVAAG TTVWKDVAAD MLVLNDKTQT AKSGYVRPVK KKS
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 uridylyltransferase Glucosamine-1-phosphate
Expression Region	1-453
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.