



Recombinant Nitrosomonas europaea Bifunctional protein GImU (glmU)

Product Code	CSB-YP767726NHH
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.	Q82XP7
Product Type	Recombinant Protein
Immunogen Species	Nitrosomonas europaea (strain ATCC 19718 / CIP 103999 / KCTC 2705 / NBRC 14298)
Purity	>85% (SDS-PAGE)
Sequence	MLQVDVVILA AGMGKRMCSS LPKVLHPLAG KPILSHVLDI ARTLSPERIC VVFYGGELV RQVIGDHS DL IWKVQAQQLG TGHAVKQALP YLGNKGVTLV LFGDVPLVKS DTLKALIEKA REDNLVLLTV ELDNPTGYGR IVRDPVTNRI QAIVEEKDAS QSQKKIREIN TGIMVLPNGR LGNWLDNLS D ANTQGEYYLT DIAMAVDAG IPIETSSPAS DWEVSGVNDK IQLSILERAH QQDTANRLME QGVMFADPAR FDVRGRLVCG NDVEIDINCI FEGNVRLGNN VKIHANCILR NVIVSDGSVV HPSLIEDAE VGKNCRIGPY ARIRPGTQLD DAVHVGNFVE IKNSHIASES KVNHL SYVGD TEMGRRVNIG AGAITCNYDG AFKHRTVIED DVFIGSDTQL VAPVTVARG S TIGAGSTITR DTPEGQLTLS RTKQTSIANW KRPRKDRN
Source	Yeast
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	1-458
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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