



Recombinant Methylococcus capsulatus

Phosphoglucosamine mutase (glmM)

Product Code	CSB-YP736746MFM
Abbreviation	glmM
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.	Q607B4
Product Type	Recombinant Protein
Immunogen Species	Methylococcus capsulatus (strain ATCC 33009 / NCIMB 11132 / Bath)
Purity	≥85% (SDS-PAGE)
Sequence	MKKEYFGTDG IRGRVGDYPI TPDFMLKLGW AAGCVFAREM PGRRVLIGKD TRISGYMFES ALEAGFSAAG VDTQLLGMP TPAVAYLTRT LRAQAGVVIS ASHNPYYDNG IKFFGPDGMK LPDELELLIE DYLGPRMTTV ECSHIGKATR IVDAAGRYIE FCKSTIPLGM HFSGMKIVVD CAHGSTYHVA PDVFSEL RAT VSTLGVAPDG LNINDRVGAT DPENLRQTVL EENADLGIAL DGDGDRIMV DHRGEVVDGD ELLFVIANAR HAEGELKGSV VGTLMSNLGL EQAIRRLGLE FRRAAVGDRY VMEMMLEHGS MLGGEGSGHI ICRDRTTTGD GIVSALQVLA EIVRSGKTLH ELKQGMRKYP QRLVNVRLAE RVSLASVPLV QKVKAEEVEAE LGDSGRVLLR PSGTEPLIRV MVEGADEGQV RELADRLAGA VARAFSA
Source	Yeast
Target Names	glmM
Protein Names	Recommended name: Phosphoglucosamine mutase EC= 5.4.2.10
Expression Region	1-447
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.