



Recombinant Phosphoglucosamine mutase (glmM)

Product Code	CSB-EP734492YAH
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.	Q66F64
Product Type	Recombinant Protein
Immunogen Species	Yersinia pseudotuberculosis serotype I (strain IP32953)
Purity	≥85% (SDS-PAGE)
Sequence	MSNRKYFGTD GIRGKVGESP ITPDFVLKLG WAAGKVLARH GSRKIIIGKD TRISGYMLES ALEAGLAAAG LSALFTGPMP TPAVAYLTRT FRAEAGIVIS ASHNPFYDNG IKFFSIDGTK LPDDVEEAIE AEMEKPLTCV ESAELGKANR IVDAAGRYIE FCKGTFPSEL SLNELKIVVD CANGATYHIA PSVLRELGAT VITIGCEPDG MNINEECGAT DVROLLQERVL AEGAHVGLAF DGDGDRLLMMV DHLGNKVDGD QILYIIAREG LRQGQLKGA VGTLMNSMGL QLALKDLGIP FVRAKVGDRY VLEAMQEKGW RIGAENSGHV ILLDKTTTGD GIVAGLQVLT AMVRNHMSLH DLCSGMKLLP QILVNVRFSG EHNPLKSDEV EEVTRQVEKE LGGRGRVLLR KSGTEPLIRV MVEGDAEESL IAEMANRIAD AVKAAG
Source	E.coli
Target Names	glmM
Protein Names	Recommended name: Phosphoglucosamine mutase EC= 5.4.2.10
Expression Region	1-446
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.