



Recombinant Escherichia coli Phosphoglucosamine mutase (glmM)

Product Code	CSB-EP539316ENP-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.	B11QU7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain ATCC 8739 / DSM 1576 / Crooks)
Purity	>85% (SDS-PAGE)
Sequence	MSNRKYFGTD GIRGRVGDAP ITPDFVLKLG WAAGKVLARH GSRKIIIGKD TRISGYMLES ALEAGLAAAG LSALFTGPMP TPAVAYLTRT FRAEAGIVIS ASHNPFYDNG IKFFSIDGTK LPDAVEEAIE AEMEKEISCV DSAELGKASR IVDAAGRYIE FCKATFPNEL SLSELKIVVD CANGATYHIA PNVLRELGAN VIAIGCEPNG VNINAEVGAT DVRALQARVL AEKADLGI AF DGDGDRVIMV DHEGNKVDGD QIMYIIAREG LRQGQLRGGV VGTLMNSMGL ELALKQLGIP FARAKVGDY VLEKMQEKGW RIGAENSGHV ILLDKTTTGD GIVAGLQVLA AMARNHMSLH DLCSGMKMFP QILVNVRYTA GSGDPLEHES VKAVTAEVEA ALGNRGRVLL RKSGTEPLIR VMVEGEDEAQ VTEFAHRIAD AVKAV
Source	E.coli
Target Names	glmM
Protein Names	Recommended name: Phosphoglucosamine mutase EC= 5.4.2.10
Expression Region	1-445
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.