



Recombinant *Bacillus cereus*

Phosphoglucosamine mutase (glmM)

Product Code	CSB-EP730952BAAD-B
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.	Q63H45
Product Type	Recombinant Protein
Immunogen Species	<i>Bacillus cereus</i> (strain ZK / E33L)
Purity	≥85% (SDS-PAGE)
Sequence	MGKYFGTDGV RGVANKELTP ELAFKIGRFG GYVLT KD TDR PKVIIGRDTR ISGHMLEGAL VAGLLSTGAE VMRLGVISTP GVAYLTKALD AQAGVMISAS HNPVQDNGIK FFGSDGFKLT DEQEAEIEAL LDKEVDELPR PTGTNLGQVS DYFEGGQKYL QYIKQTVEED FSGLHIALDC AHGATSSLAP YLFADLEADI STMGTSPPNGM NINDGVGSTH PEVLAELVKE KGADIGLAFD GDGDRLIAVD EKGNIVDGDQ IMFICAKYMK ETGQLKHNTV VSTVMSNLGF YKALEANGIT SDKTAVGDRY VMEEMKRGY NLGGEQSGHI ILLDYITTGD GMLSALQLVN IMKMTKKPLS ELAGEMTKFP QLLVNVVRVD KKLALENEKI KEIIRVVEEE MNGDGRILVR PSGTEPLIRV MAEAPTQEV C DAYVHRIVEV VKAEVGAE
Source	E.coli
Target Names	glmM
Protein Names	Recommended name: Phosphoglucosamine mutase EC= 5.4.2.10
Expression Region	1-448
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.