



Recombinant *Pyrococcus kodakaraensis* Probable phosphoglucosamine mutase (glmM)

Product Code	CSB-YP737870FHY
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.	Q68BJ7
Product Type	Recombinant Protein
Immunogen Species	<i>Thermococcus kodakarensis</i> (strain ATCC BAA-918 / JCM 12380 / KOD1) (<i>Pyrococcus kodakaraensis</i> (strain KOD1))
Purity	≥85% (SDS-PAGE)
Sequence	MGKYFGTSGI REVFNEKLTP ELALKVGKAL GTYLGGGKVV IGKDTRTSGD VIKSAVISGL LSTGVDVIDI GLAPTPLTGF AIKLYGADAG VTITASHNPP EYNGIKVWQA NGMAYTSEME RELESIMDSG NFKKAPWNEI GTLRRADPSE EYINAALKFV KLENSYTVVL DSGNGAGSVV SPYLQRELGN RVISLNSHPS GFFVRELEPN AKSLSALAKT VRVMKADVGI AHDGDADRIG VVDDQGNFVE YEVMLSLIAG YMLRKFGK GK IVTTVDAGFA LDDYLRPLGG EVIRTRVGDV AVADELAKHG GVFGGEPST WIIPQWNLTP DGIFAGALVL EMIDRLGPIS ELAKEVPRYV TLRKIPCPN EKKAKAMEII AREALKTFDY EGLIDIDGIR IENGDWILF RPSGTEPIMR ITLEAHEEEK AKELMGKAER LVKKAISEA
Source	Yeast
Target Names	glmM
Protein Names	Recommended name: Probable phosphoglucosamine mutase EC= 5.4.2.10
Expression Region	1-449
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.