



Recombinant *Pyrococcus kodakaraensis* Probable phosphoglucosamine mutase (glmM)

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|--------------------------|---|
| Product Code | CSB-EP737870FHY-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. | 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 ELALKVGGKAL GTYLGGGKVV IGKDTRTSGD VIKSAVISGL LSTGVDVIDI GLAPTPLTGF AIKLYGADAG VTITASHNPP EYNGIKVWQA NGMAYTSEME RELESIMDSG NFKKAPWNEI GTLRRADPSE EYINAALKFV KLENSYTVVL DSGNGAGSVV SPYLQRELGN RVISLNSHPS GFFVRELEPN AKSLSALAKT VRVMKADVGI AHDGDADRIG VVDDQGNFVE YEVMLSLIAG YMLRKFGKGGK IVTTVDAGFA LDDYLRPLGG EVIRTRVGDV AVADELAKHG GVFGGEPSTG WIIPQWNLTG DGIFAGALVL EMIDRLGPIS ELAKEVPRYV TLRKIPCPN EKKAKAMEII AREALKTFDY EGLIDIDGIR IENGDWILF RPSGTEPIMR ITLEAHEEEK AKELMGKAER LVKKAISEA |
| Source | E.coli |
| 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.