



Recombinant Pyrococcus horikoshii Glycerate 2-kinase (gck)

Product Code	CSB-MP530036FHX
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.	O58231
Product Type	Recombinant Protein
Immunogen Species	Pyrococcus horikoshii (strain ATCC 700860 / DSM 12428 / JCM 9974 / NBRC 100139 / OT-3)
Purity	>85% (SDS-PAGE)
Sequence	MIAMDIREIG LRLVGEAIKA ADPYRAVLNA VKVSDDKIIV QGKEFEIKGK VYVIALGKAA CEMARAIEDI LDVEDGVAVT KYGYGKELKR IKVIEAGHPI PDEKSILGAK EALSILNRAR ENDIVFILIS GGSALFELP EEGISLEDLK LTTDLLLKSG AKIHEINTVR KHISKVKGK LAKMIKGTGI VLIISDVVGD NLEAIASGPT VKDPTTFEDA KRILELYDIW EKVPESVRLH IERGLRGEVE ETLKEDLPNV HNFLIASNSI SCEAIAREAQ RLGFKAYIMT TTLEGEAKDA GLFIGSIVQE IAERGRPFEP PVVLVFGGET TVTIEGKGGK GGPNQEIALS ATRKISDLEA LIVAFDTDGT DGPTDAAGGI VDGTTYKKLR EKGIDVEKVL KEHNSYEALK KVGLLFTGP TGTNVNSIVI AIVTSKRGR
Source	Mammalian cell
Target Names	gck
Protein Names	Recommended name: Glycerate 2-kinase Short name= GCK EC= 2.7.1.165 Alternative name(s): 2-phosphoglycerate forming glycerate kinase
Expression Region	1-440
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.