



Recombinant *Picrophilus torridus* Glycerate 2-kinase (gck)

Product Code	CSB-EP757166PAAB-B
Abbreviation	gck
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.	Q6KZ25
Product Type	Recombinant Protein
Immunogen Species	<i>Picrophilus torridus</i> (strain ATCC 700027 / DSM 9790 / JCM 10055 / NBRC 100828)
Purity	>85% (SDS-PAGE)
Sequence	MIENYNDIAI TDTRRKILNI IDKTLIAMDP ENAIKNFIEK NNIKFDSKRI FLIGFGKAAF KMYSGIRPFI LKDLVYASII VPDDEKTDNDY NELRILRGTH PFTGDLSVSS SISMLSGLKN LNENDLVIVL ISGGGSSLFE IPEDGINIDD IKNISKTMMD KGCDIYELNM VRSMLSKVKG GKLATMLYPA RVISFIISDV KNDDLSIIAS GPLTRIDYRI EDLMETIKKY LGNDERIKMY RNIDDIYFNN VKQYIILKNR DFLDYIYSNI NDDAVNLGSN FSGNVEDLSL ILHNILKNIY SSKRKPFYFM LGGETTVDVK GHGSGGRNQE LVLRFMKNSS NSEVYTIASF GTDGIDGVSP AAGGIVSDSH EIDNINEYLN RNDSYNLLIK NHGAIITGRT GNNVSDIIIG LYYNK
Source	E.coli
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	1-415
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.