



Recombinant *Sulfolobus tokodaii* Glycerate 2-kinase (gck)

Product Code	CSB-YP842785FPN
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.	Q96YZ3
Product Type	Recombinant Protein
Immunogen Species	<i>Sulfolobus tokodaii</i> (strain DSM 16993 / JCM 10545 / NBRC 100140 / 7)
Purity	>85% (SDS-PAGE)
Sequence	MDKII EKILT FSDPYIALDE RVVIKKNEII V DGNHFPYTK PAIIAVGKAS YKMAKFFIDK LKDVKGLVIL PKGSYISLPK VEVIESTHPD ISELSFKAGT EVIKFLKNE D YDLLIFLLSG GASALMEYSN VPYEILRDIN EKLKSGLSV NEINIVRKHL SLIKGGKLTE FSKAPILTLI VSDVPGGDLS AVGSGPTLPD SSTVDDAKLI LNKVGLGEYS KYLIETKKEV HNSFNFLILD INIVLRKLRD IVQNPIILSS EIRGDAYSFG QNLAGIVNTS FSNLGLKPPY TLLAGGEPDV KIEGKAGKGG RNGEVCLGFL KWVKRNSNHR FKLYAIATDG IDGNSEYAGC IVDENTIVDN IEYYIYSHSS YEALEKVGRV IKTGYTFTNV NNVYVLEVT
Source	Yeast
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	1-399
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.