Recombinant Sulfolobus tokodaii Glycerate 2-kinase (gck)

Product Code	CSB-EP842785FPN
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	Sulfolobus tokodaii (strain DSM 16993 / JCM 10545 / NBRC 100140 / 7)
Purity	>85% (SDS-PAGE)
Sequence	MDKIIEKILT FSDPYIALDE RVVIKKNEII VDGNHFPYTK PAIIAVGKAS YKMAKFFIDK LKDVKGLVIL PKGSYISLPK VEVIESTHPD ISELSFKAGT EVIKFLKNED YDLLIFLLSG GASALMEYSN VPYEILRDIN EKLVKSGLSV 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	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	1-399
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.