



Recombinant Glycerol kinase (glpK), partial

Product Code	CSB-EP723993BUI-B
Abbreviation	glpK
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.	Q662C3
Product Type	Recombinant Protein
Immunogen Species	Borrelia baviensis (strain ATCC BAA-2496 / DSM 23469 / PBi) (Borrelia baviensis)
Purity	≥85% (SDS-PAGE)
Sequence	MKYILSIDQG TTSSRAIVFD KHANIKGLAQ KEFTQIYPQP SWVEHDPTEI WGSQGLVITE ALANSRILPN EVDAIGITNQ RETTVIWEKS TGKPIYNAIV WQDRRTAKIC DQLTKEGKDK IILEKTGLVL DSYFSGTKIL WILDNVEGAR QKAENGELCF GTIDTWLLWN LTQKKVHATD YSNASRTLLL NIKTLEWDDE LLKILNIPKA ILPELKESST IYGETDKSIF GAEIPIAGIA GDQFAATFGQ ACLKKGMAKN TYGTGCFLTV NIGKEPIINH ERLTSLIANG RKKTVTYVLE GSVFIGGAVI QWLRDGLEFF RKSSDAESLA SSASDNGGVY FVPAFVGLGA PHWDSYARGT IIGITRGSTK AHITRAALES IAFQSFILN TMKKSIPNFE IKELRVDGGA SQNNLLMQFQ ADLLECKVVR PKITETTALG AAYLAGLASG YWQSAEEIIS LWQVDKIFEP SMPKNQKEKL LENWNRAIER SKSWIQNSNS L
Source	E.coli
Target Names	glpK
Protein Names	Recommended name: Glycerol kinase EC= 2.7.1.30 Alternative name(s): ATP:glycerol 3-phosphotransferase Glycerokinase Short name= GK
Expression Region	1-501
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	Partial
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.