Recombinant Glycerol kinase (glpK)

Product Code	CSB-EP737840SRW-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.	Q67Q63
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	≥85% (SDS-PAGE)
Sequence	MNKGYVLALD QGTTSSRAIL FNRDGRLVGQ VNHEFRQIYP QPGWVEHDPR EIWSTQLRAV QDVLARTGVR LSEVAAIGIT NQRETTVVWD AETGEPVYNA IVWQCRRTAP ICAELAARGW APRIREKTGL VIDAYFSGTK VKWILDNVPG VREKAEQGRL RFGTIDAWLI WNLTGGRVHA TDYSNASRTM LFNIHQLAWD EEILHELGIP ASLLPRALPS SHVYGETDPA VLGAAIPIAG VAGDQQAALF GQACFQPGDA KNTYGTGCFM LMNTGDRAVP SESGLLTTIA WGIGDRVEYA LEGSIFIGGA AVQWLRDELR FFDRAADSEA LALSVPDSGG VYVVPAFVGL GAPYWDMYAR GIVVGLTRGT GRAHITRATL ESIAYQTRDV LGAMEKDSGI RLNRLKVDGG AVANNFLMQF QSDILGVPVE RPKIAETTAL GAAYLAGLAT GFWRSQAELA DKWALDRGFT PALPAEERER LYAGWRRAVE RARGWAAE
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	1-498
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.