



# Recombinant Glycerol kinase (glpK)

<b>Product Code</b>	CSB-EP737840SRW
<b>Abbreviation</b>	glpK
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q67Q63
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Symbiobacterium thermophilum (strain T / IAM 14863)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MNKG YVLALD QGTTSSRAIL FNRDGR LVGQ VNHEFRQIYP QPGWVEHDPR EIWSTQLRAV QDVLARTGVR LSEVAAIGIT NQRETTVVWD AETGEPVYNA IVWQCRRTAP ICAELAARGW APRIREKTGL VIDAYFSGTK VKWILDNVP VREKAEQGRL RFGTIDAWLI WNL TGGRVHA TDYSNASRTM LFNIHQ LAWD EEILHEL GIP ASLLPRALPS SHVYGETDPA VLGAAIPIAG VAGDQQAALF GQACFQPGDA KNTYGTGCFM LMNTGDRAVP SESGLLTIA WGIGDRVEYA LEGSIFIGGA AVQWLRDEL R FFDRAADSEA LALSVPDSGG VYVVP AFVGL GAPYWD MYAR GIVVGLTRGT GRAHITRATL ESIAYQTRDV LGAMEKDSGI RLNRLKVDGG AVANNFLMQF QSDILGVPVE RPKIAET TAL GAAYLAGLAT GFWRSQAELA DKWALDRGFT PALPAEERER LYAGWRRAVE RARGWAAE
<b>Source</b>	E.coli
<b>Target Names</b>	glpK
<b>Protein Names</b>	Recommended name: Glycerol kinase EC= 2.7.1.30 Alternative name(s): ATP:glycerol 3-phosphotransferase Glycerokinase Short name= GK
<b>Expression Region</b>	1-498
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.