



Recombinant Escherichia coli O7:K1 Glycerol kinase (glpK)

Product Code	CSB-EP486416EON
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.	B7NU81
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O7:K1 (strain IAI39 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTEKKYIVAL DQGTSSRAV VMDHDANIIS VSQREFEQIY PKPGWVEHDP MEIWATQSST LVEVLAKADI SADQIAAIGI TNQRETTIVW EKETGKPIYN AIVWQCRRTA EICEHLKRDG LEDYIRSNTG LVIDPYFSGT KVKWILDHVE GSRERARRGE LLFGTVDTWL IWKMTQGRVH VTDYTNASRT MLFNIHTLDW DDKMLEVLDI PREMLPEVRR SSEVYGQTNI GGKGGTRIPi SGIAGDQQAA LFGQLCVKEG MAKNTYGTGC FMLMNTGEKA VKSENGLLTT IACGPTGEVN YALEGAVFMA GASIQWLRDE MKLINDAYDS EYFATKVQNT NGVYVVAFT GLGAPYWDPY ARGAI FGLTR GVNANHIIRA TLESIAYQTR DVLEAMQADS GIRLHALRVD GGAVANNFLM QFQSDILGTR VERPEVREVT ALGAAYLAGL AVGFWQNLDE LQEKAVIERE FRPGIETTER NYRYAGWKKA VKRAMAWEEH DE
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	1-502
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.