



Recombinant Glycerol kinase (glpK)

Product Code	CSB-EP524072TNR-B
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.	O66131
Product Type	Recombinant Protein
Immunogen Species	Thermus thermophilus
Purity	>85% (SDS-PAGE)
Sequence	MNQYMLAIDQ GTTSSRAILF NQKGEIVHMA QKEFTQYFPQ PGWVEHNANE IWGSVLAVIA SVLSEAQVKP EQVAGIGITN QRETTVVWEK DTGNPIYNAI VWQSRQTAGI CDELKAKGYD PLFRKKTGLL IDAYFSGTKV KWILDHVDGA RERAERGELL FGTIDTWLIW KLSGGRVHVT DYSNASRTLM FNIHTLEWDD ELLDILGVPK AMLPEVRPSS EVYAKTAPYH FFGVEVPIAG AAGDQQAALF GQACFTEGMA KNTYGTGCFM LMNTGEKAVA SKHGLLTIA WGIDGKVEYA LEGSIFVAGS AIQWLRDGLR MIKTAADSET YAEKVESTDG VYVVPFIGL GTPYWDSEVR GAVFGLTRGT TKEHFIRATL ESLAYQTKDV LAVMEADSGI SLTTLRVDGG AVKNNFLMQF QSDLLAVPVE RPVVNETTAL GAAYLAGLAV GYWNSRDDIA AQWQLERRFE PKMDDDKRTM LYDGWKKAVR AAMAFK
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	1-496
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.