



Recombinant Burkholderia pseudomallei Glycerol kinase (glpK)

Product Code	CSB-EP734066BXW
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.	Q63X50
Product Type	Recombinant Protein
Immunogen Species	Burkholderia pseudomallei (strain K96243)
Purity	≥85% (SDS-PAGE)
Sequence	MQDQYILALD QGTTSSRAML FDRQGNIVSI AQKEFEQIYP QPGWVEHDPQ EIWSTQAGVA AEAVTRVGLN GTAIAAIGIT NQRETTIVWD RETGHPINYA IVWQDRRTAD FCDKLKAQGL SEKVRAKTGL PIDSYFSATK IRWILDNVEG AREKARQGKL AFGTVDSWLW WNFTKHELHV TDVTNASRTM LFNHTLDWD DELLDALEIP RSMLPQVRAS SEIYGPTKTT VFASKIPLAG IAGDQQAALF GQMCTSSGMV KNTYGTGCFL MMNTGETPIE SRNNLVTIA WQVDGKVSYA LEGSIFIAGA VVQWLRDGLG IKSASEIEA LAAGVPHTDG VYLVPFAFAGL GAPHWNARAR GSLFGVTRGT TSAHLARAAL DSIAYQSLDV LKAMEADSGI RIGELRVDGG ASANNLLMQF QADLLGVDAV RPRITETTAL GAAYLAGLAI GYWQNVDELH SQWQLERRFA PSMQAEQVGS CLAGWQRAVR AAKAWADDTQ
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	1-500
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.



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