



Recombinant Escherichia coli Glycerate kinase 1 (glxK)

Product Code	CSB-YP302047ENV
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P77364
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MKIVIAPDSF KESLSAEKCC QAIKAGFSTL FPDANYICLP IADGGEGTVD AMVAATGGNI VTLEVCGPMG EKVNAFYGLT GDGKTAVIEM AAASGLMLVA PEKRNPLLAS SFGTGELIRH ALDNDIRHII LGIGGSATVD GGMGMAQALG VRFLDADGQA LAANGGNLAR VASIEMDECD PRLANCHIEV ACDVDNPLVG ARGAAAVFGP QKGATPEMVE ELEQGLQNYA RVLQQQTEIN VCQMAGGGAA GGMGIAAAVF LNADIKPGIE IVLNAVNLAQ AVQGAALVIT GEGRIDSQTA GGKAPLGVAS VAKQFNVPVI GIAGVLGDGV EVVHQYGIDA VFSILPRLAP LAEVLASGET NLFNSARNIA CAIKIGQGK N
Source	Yeast
Target Names	glxK
Protein Names	Recommended name: Glycerate kinase 1 EC= 2.7.1.31
Expression Region	1-381
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.