Recombinant Escherichia coli O45:K1 Glucokinase (glk)

Product Code	CSB-MP009319EOK
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B7MH48
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTKYALVGDV GGTNARLALC DIASGEISQA KTYSGLDYPS LEAVIRVYLE EHKVEVKDGC IAIACPITGD WVAMTNHTWA FSIAEMKKNL GFSHLEIIND FTAVSMAIPM LKKEHLIQFG GAEPVEGKPI AVYGAGTGLG VAHLVHVDKR WVSLPGEGGH VDFAPNSEEE GIILEILRAE IGHVSAERVL SGPGLVNLYR AIVKADNRLP ENLKPKDITE RALADSCTDC RRALSLFCVI MGRFGGNLAL NLGTFGGVFI AGGIVPRFLE FFKASGFRAA FEDKGRFKEY VHDIPVYLIV HDNPGLLGSG AHLRQTLGHI L
Source	Mammalian cell
Target Names	glk
Protein Names	Recommended name: Glucokinase EC= 2.7.1.2 Alternative name(s): Glucose kinase
Expression Region	1-321
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.