



Recombinant Probable glucokinase 2 (GK2)

Product Code	CSB-EP880917TPY-B
Abbreviation	GK2
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.	Q9GTW8
Product Type	Recombinant Protein
Immunogen Species	Trichomonas vaginalis
Purity	≥85% (SDS-PAGE)
Sequence	MFDIELVKKI NDWKVSEDGA LPICIGCDVG GSGLRVRIS FNDSEKYVDL GHAKAKCTKQ LVDVLADLEQ KIKQVNDKFV CLGAAIAVAG PIKAGTVILT NWQGEPAVRT LTLKDL PQKI FPKDRSVFLN DLEAGAYGVI AAADKDILEQ NFVQLFQDKA PKGPVLANGR TAVLAMGSG LGAALVVRTPL LKNPLVLPTE LGHVQIAPNM KEHKNFKQER ELIQHISNHY YKGELDPEYE DICSGRGLPL AYQFYHQKKT GELLPVEQID AGEVAKKAMD GEEDAVDALK AHYIFYLRAA KAIATSLSCE SCVLSLDNQV KNHPFVMKIM KELEDEFYEF IRPDWMNGLR VYSQKSILNF NILGTDYMAH AIANKPE
Source	E.coli
Target Names	GK2
Protein Names	Recommended name: Probable glucokinase 2 EC= 2.7.1.2 Alternative name(s): Glucose kinase 2 Hexokinase-2
Expression Region	1-377
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.