



Recombinant *Geobacillus stearothermophilus* 6-phosphofructokinase (pfkA)

Product Code	CSB-EP017822GFM
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P00512
Product Type	Recombinant Protein
Immunogen Species	<i>Geobacillus stearothermophilus</i> (<i>Bacillus stearothermophilus</i>)
Purity	>85% (SDS-PAGE)
Sequence	MKRIGVLTSG GDSPGMNAAI RSVVRKAIYH GVEVYGVYHG YAGLIAGNIK KLEVGDVGDI IHRGGTILYT ARCPEFKTEE GQKKGIEQLK KHGIEGLVVI GGDGSYQGAK KLTEHGFPCV GVPGTIDNDI PGTDFTIGFD TALNTVIDAI DKIRDTATSH ERTYVIEVMG RHAGDIALWS GLAGGAETIL IPEADYDMND VIARLKRGE RGKKHSIII AEGVGSVDF GRQIQEATGF ETRVTVLGHV QRGGSPTAFD RVLASRLGAR AVELLLEGKG GRCVGIQNNQ LVDHDIAEAL ANKHTIDQRM YALSKELSI
Source	E.coli
Target Names	pfkA
Protein Names	Recommended name: 6-phosphofructokinase Short name= Phosphofructokinase EC= 2.7.1.11 Alternative name(s): Phosphohexokinase
Expression Region	1-319
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.