



Recombinant Clostridium acetobutylicum 6-phosphofructokinase (pfkA)

Product Code	CSB-EP017822DUB
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O08308
Product Type	Recombinant Protein
Immunogen Species	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
Purity	>85% (SDS-PAGE)
Sequence	MKTIAVLTSG GDAPGMNAAI RAVVRTAIEK GINVKGIQRG YSGLINGEIF DMNRHSVSDI IQRGGTILRT ARCPEFLKEE VRQKAANVLR VFGIDGLVVI GGNGSFMGAQ KLSKLGVKTV GLPGTIDNDL PYTDYTIGFD TTLNTVLDAL NKLRTSTSH ERVSIIEVMG RDCGDIALFS GIAGGAESVI IPEIGYDFNE LCKNILEGKL RGKMHNLIL AEGVGGAAEL AKKVEEVTGI ETRSTILGHI QRGGSPSAFD RMLASRMGVK AVEVLMEGKT SRVIGIKEGK IMDQDIDEAL AVPRSFNKEL YDIANMLSK
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.