



# Recombinant Clostridium acetobutylicum 6-phosphofructokinase (pfkA)

<b>Product Code</b>	CSB-YP017822DUB
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O08308
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Clostridium acetobutylicum (strain ATCC 824 / DSM 792 / JCM 1419 / LMG 5710 / VKM B-1787)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKTIAVLTSG GDAPGMNAAI RAVVRTAIEK GINVKGIQRG YSGLINGEIF DMNRHSVSDI IQRGGTILRT ARCPEFLKEE VRQKAANVLR VFGIDGLVVI GGNGSFMGAQ KLSKLGVKTV GLPGTIDNDL PYTDYTIGFD TTLNTVLDIAI NKLRTSTSH ERVSIIEVMG RDCGDIALFS GIAGGAESVI IPEIGYDFNE LCKNILEGKL RGKMHNLIL AEGVGGAAEL AKKVEEVTGI ETRSTILGHI QRGGSPSAFD RMLASRMGVK AVEVLMEGKT SRVIGIKEGK IMDQDIDEAL AVPRSFNKEL YDIANMLSK
<b>Source</b>	Yeast
<b>Target Names</b>	pfkA
<b>Protein Names</b>	Recommended name: 6-phosphofructokinase Short name= Phosphofructokinase EC= 2.7.1.11 Alternative name(s): Phosphohexokinase
<b>Expression Region</b>	1-319
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.