



Recombinant Human 6-phosphofructokinase, muscle type (PFKM)

Product Code	CSB-EP017822HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P08237
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	THEEHHAAK TLGIGKAIIV LTSGGDAQGM NAAVRAVVRV GIFTGARVFF VHEGYQGLVD GGDHIKEATW ESVSMMLQLG GTVIGSARCK DFREREGRLR AAYNLVKRGI TNLCVIGGDG SLTGADTFRS EWSDLLSDLQ KAGKITDEEA TKSSYLNIVG LVGSIDNDFC GTDMTIGTDS ALHRIMEIVD AITTTAQSHQ RTFVLEVMGR HCGYLALVTS LSCGADWVFI PECPPDDDDWE EHLCRRLSET RTRGSRLNII IVAEGAIDKN GKPITSEDIK NLVVKRLGYD TRVTVLGHVQ RGGTPSAFDR ILGSRMGVEA VMALLEGTPD TPACVVSLSG NQAVRLPLME CVQVTKDVTM AMDEKKFDEA LKLRGRSFMN NWEVYKLLAH VRPPVSKSGS HTVAVMNVGA PAAGMNAAVR STVRIGLIQG NRVLVVDHGF EGLAKGQIEE AGWSYVGGWT GQGGSKLGTK RPLPKSFEQ ISANITKFNQ QGLVIIGGFE AYTGLELME GRKQFDELAI PFVVIPATVS NNVPGSDFSV GADTALNTIC TTCDRIKQSA AGTKRRVFII ETMGGYCYL ATAGLAAGA DAAYIFEEPF TIRDLQANVE HLVQKMKTTV KRGLVLRNEK CNENYTTDFI FNLYSEEGKG IFDSRKNVLG HMQQGGSPTP FDRNFATKMG AKAMNWMMSGK IKESYRNGRI FANTPDSGCV LGMRKRALVF QPVAELKDQT DFEHRIPKEQ WWLKLRPILK ILAKYEIDLD TSDHAHLEHI TRKRSGEAAV
Source	E.coli
Target Names	PFKM
Protein Names	Recommended name: 6-phosphofructokinase, muscle type EC= 2.7.1.11 Alternative name(s): Phosphofructo-1-kinase isozyme A Short name= PFK-A Short name= Phosphofructokinase-M Phosphofructokinase 1 Phosphohexokinase
Expression Region	2-780
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 of Mature 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.