



# Recombinant Rat 6-phosphofructokinase, muscle type (Pfk<sub>m</sub>)

<b>Product Code</b>	CSB-EP343696RA
<b>Storage</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.
<b>Uniprot No.</b>	P47858
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	THEEHHEAK TLGIGKAIIV LTSGGDAQGM NATVRAVVRV GIFTGLRVFF VHEGYQGLVD GGEHIREATW ESVSMMLQLG GTVIGSARCK DFREREGRLR AAHNLVKRGI TNLCVIGGDG SLTGADTFRS EWSDLLNDLQ KDGKITAEER TKSSYLNIVF LVGSIDNDFC GTDMTIGTDS ALHRIVEIVD AITTTAQSHQ RTFVLEVMGR HCGYLALVTS LSCGADWVFI PECPPDDDWE EHLCRRLSET RTRGSRLNII IVAEGAIDKN GKPITSEDIK NLVVKRLGYD TRVTVLGHVQ RGGTPSAFDR ILGSRMGVEA VMALLEGTPD TPACVVSLSG NTAVRLPLME CVQVTKDVTK AMDEKRFDEA IKLRGRSFMN NWEVYKLLAH VRPPVSKGGL HTVAVMNVGA PAAGMNAAVR STVRIGLIQG NRVLVVHDGF EGLAKGQIEE AGWSYVGGWT GQGGSKLGTK RTLPKKNLEQ ISANITKYNI QGLVIIGGFE AYTGGLELME GRKQFDELICI PFVVIPATVS NNVPGSDFSI GADTALNTIC TTCDRIKQSA AGTKRRVFII ETMGGYCGYL ATMAGLAAGA DAAYIFEEPF TIRDLQVNVE HLVQKMKTTV KRGLVLRNEK CNENYTTDFI FNLYSEEGKG IFDSRKNVLG HMQQGGNPTP FDRNFATKMG AKATNWMMSGK IKESYRNGRI FANTPDSGCV LGMRKRALVF QPVELKDQT DFEHRIPKEQ WWLKLRLPILK ILAKYEIDLD TSDHAHLEHI SRKRSGEAAV
<b>Source</b>	E.coli
<b>Target Names</b>	Pfk <sub>m</sub>
<b>Protein Names</b>	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
<b>Expression Region</b>	2-780
<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 of Mature 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.

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