

Recombinant Human PFKM Protein

Catalog #	Source	Reactivity	Applications
CRP2094	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human PFKM Protein is produced by our mammalian expression system and the target gene encoding Thr2-Val780 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, 5mM EDTA, 5% Trehalose, pH6.9.

Gene Symbol PFKM

Alternative Names PFKX; 6-phosphofructokinase, muscle type; Phosphofructo-1-kinase isozyme A; PFK-A; Phosphofructokinase-M; Phosphofructokinase 1; Phosphohexokinase

Entrez Gene 5213 (Human)

SwissProt P08237 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure THEEHHAAKT LGIGKAI AVL TSGGDAQGMN AAVRAVVRVG IFTGARVFFV HEGYQGLVDG
 GDHIKEATWE SVSMMLQLGG TVIGSARCKD FREREGRLRA AYNLVKRGIT NLCVIGGDGS
 LTGADTFRSE WSDLLSDLQK AGKITDEEAT KSSYLNIVGL VGSIDNDFCG TDMTIGTDSA
 LHRIMEIVDA ITTTAQSHQR TFLVLEVMGRH CGYLALVTSL SCGADWVFIP ECPPDDDWEE
 HLCRRLSETR TRGSRLNIII VAEGAIDKNG KPITSEDIKN LVVKRLGYDT RVTVLGHVQR
 GGTPSAFDRI LGSRMGVEAV MALLEGTPDT PACVVSLSGN QAVRLPLMEC VQVTKDVTKA
 MDEKKFDEAL KLRGRSFMNN WEVYKLLAHV RPPVSKSGSH TVAVMNVGAP
 AAGMNAAVRS TVRIGLIQGN RVLVVHDGFE GLAKGQIEEA GWSYVGGWTG
 QGGSKLGTKR TLPKKSFEQI SANITKFNIQ GLVIIGGFEA YTGGLLEMEG RKQFDELICP
 FVVIPATVSN NVPGSDFSVG ADTALNTICT TCDRIKQSAA GTKRRVFIIE TMGGYCGYLA

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

TMAGLAAGAD AAYIFEEPFT IRDLQANVEH LVQKMKTTVK RGLVLRNEKC NENYTTDFIF
NLYSEEGKGI FDSRKNVLGH MQQGGSPFP DRNFATKMGA KAMNWMSGKI
KESYRNGRIF ANTPDSGCVL GMRKRALVFQ PVAELKDQTD FEHRIPKEQW WLKLRPILKI
LAKYEIDLDT SDHAHLEHIT RKRSGEAAVV DHHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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