

Phosphofructokinase Recombinant Protein | PFKM recombinant protein

Recombinant Human Phosphofructokinase, Muscle

CATALOG # AAA38813	HOST E Coli
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PRODUCT SYNONYMS

Phosphofructokinase; Recombinant Human Phosphofructokinase; Muscle; PFKM Human; Muscle Human Recombinant; EC 2.7.1.11; GSD7; PFK-1; PFK1; PFKA; PFKX; Phosphofructokinase-M; Phosphofructokinase 1; Phosphohexokinase; Phosphofructo-1-kinase isozyme A; MGC8699; PFKM; PFKM recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 80% as determined by SDS-PAGE.
Form/Format	PFKM Human solution (0.5mg/ml) containing 20mM Tris HCL pH-8, 5mM DTT, 0.2M NaCl and 20% glycerol. Sterile filtered colorless solution.
Concentration	0.5 mg/ml (varies by lot)
Sequence	MGSSHHH HHHSSGLVPR GSHMTH EEHHA AKTLG IGKAI AVLTS GGDAQGMNAA VRVVVRVGIF TGARVFFVHE GYQGLVDGGD HIKEATWESV SMMLQLGGTV IGSARCKDFR EREGRLRAAY NLVKGITNL CVIGGDGSLT GADTFRSEWS DLLSDLQKAG KITDEEATKS SYLNIVGLVG SIDNDFCGTD MTIGTDSALH RIMEIVDAIT TTAQSHQRTF VLEVMGRHCG YLALVTSLSGADWVFIPEC PPDDDWEEHL CRRLSETRTR GSRLNIIIVA EGAIKNGKP ITSEDIKNLV VKRLGYDTRV TVLGHVQRRG TPSAFDRILG SRMGVEAVMA LLEGTPDTPA CVVSLSGNQA VRLPLMECVQ VTKDVTKAMD EKKFDEALKL RGRSFMNNWE VYKLLAHVRP PVSKSGSHTV AVMNVGAPAA GMNAAVRSTV RIGLIQGNRV LVVHDGFEGL AKGQIEEAGW SYVGGWTGQG GSKLGTKRTL PKKSFEQISA NITKFNIQGL VIIGGFAYT GGLELMEGRK QFDEL CIPFV VIPATVSNNV PGSDFSVGAD TALNTICTTC DRIKQSAAGT KRRVFIIETM GGYCGYLATM AGLAAGADAA YIFEEPFTIR DLQANVEHLV QKMKT TVKRG LVL RNEKCNE NYTTDFIFNL YSEEGKGIFD SRKNVLGHMQ QGGSP TPFDR NFATKMGAKA MNWMSGKIKE SYRNGRIFAN TPDGCVLGM RKRALVFQPV AELKDQTD FE HRIPEQWWL KL RPILKILA KYEIDLDTSD HAHLEHITRK RSGEAAV
Sequence Length	780
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PFKM recombinant protein	Description: PFKM Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 800 amino acids (1-780 a.a.) and having a molecular mass of 87.3 kDa. PFKM protein is fused to a 20 amino acid His-Tag at N-terminus and purified by standard chromatography.
Product Categories/Family for PFKM recombinant protein	Protein Kinases; Enzymes; Protein Kinases

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505749
NCBI GeneID	5213
NCBI Accession #	NP_000280.1

NCBI GenBank Nucleotide #	NM_000289.5
UniProt Accession #	P08237 ; Q16814 ; Q16815 ; Q6ZTT1 ; J3KNX3
NCBI Official Full Name	ATP-dependent 6-phosphofructokinase, muscle type isoform 2
NCBI Official Synonym Full Names	phosphofructokinase, muscle
NCBI Official Symbol	PFKM
NCBI Official Synonym Symbols	GSD7; PFK1; PFKA; PFKX; PFK-1; ATP-PFK; PPP1R122
NCBI Protein Information	ATP-dependent 6-phosphofructokinase, muscle type; 6-phosphofructo-1-kinase; 6-phosphofructokinase type A; ATP-PFK; PFK-A; phosphofructo-1-kinase isozyme A; phosphofructokinase 1; phosphofructokinase, polypeptide X; phosphofructokinase-M; phosphohexokinase; protein phosphatase 1, regulatory subunit 122
UniProt Protein Name	ATP-dependent 6-phosphofructokinase, muscle type
UniProt Gene Name	PFKM
UniProt Synonym Gene Names	; PFK-M
UniProt Entry Name	PFKAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pfkm-recombinant-protein-e-coli/38813>