

Phosphofructokinase, Muscle Human Recombinant

Item Number	rAP-1750
Synonyms	EC 2.7.1.11, GSD7, PFK-1, PFK1, PFKA, PFKX, Phosphofructokinase-M, Phosphofructokinase 1, Phosphohexokinase, Phosphofructo-1-kinase isozyme A, MGC8699, PFKM.
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.
Uniprot Accession Number	P08237
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MTHEEHHA AK TLGIGKAI AV LTSGGDAQGM NAAVRAVV RV GIFT- GARVFF VHEGYQGLVD GGDHIKEATW ESVMMLQLG GTVIGSARCK DFREREGRLR AAYNLVKRGI TNLCVIGGDG SLTGADTFRS EWSDLLSDLQ KAGKITDEEA TKSSYLNIVG LVGSIDNDFC GTDMTIGTDS ALHRIMEIVD AITTTAQSHQ RTFVLEVMGR HCGYLALVTS LSCGADWVFI PECPPDDDDWE EHLCRRL- SET RTRGSRLNII IVAEGAIDKN GKPITSEDIK NLVVKRLGYD TRVTVLGHVQ RGGTPSAFDR ILGS- RMGVEA VMALLEGTPD TPACVVSLSG NQAVRLPLME CVQVTKDVT K AMDEKKFDEA LKLRGRSFMN NWEVYKLLAH VRPPVSKSGS HTVAVMNVGA PAAGMNA AVR STVRIGLIQG NRVLVVDHGF EGLAKGQIEE AGWSYVGGWT GQGGSKLGTK R TLPKKSFEQ ISANITKFNI QGLVIIGGFE AYTG-
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze thaw cycles.
Formulation and Purity	PFKM Human solution containing 20mM Tris HCl pH-8, 5mM DTT, 0.2M NaCl and 20% glycerol. Greater than 80% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**