

Recombinant Mouse Pfkf Protein, Myc/DDK-tagged

Cat. No. Pfkf-4810M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length phosphofructokinase, muscle (Pfkf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Catalyzes the phosphorylation of D-fructose 6-phosphate to fructose 1,6-bisphosphate by ATP, the first committing step of glycolysis.
Molecular Mass	85.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Pfkm phosphofructokinase, muscle [Mus musculus (house mouse)]
Official Symbol	Pfkm
Synonyms	PFKM; phosphofructokinase, muscle; 6-phosphofructokinase, muscle type; phosphohexokinase; phosphofructokinase 1; phosphofructokinase 4; phosphofructokinase-1 A isozyme; phosphofructo-1-kinase isozyme A; phosphofructokinase, polypeptide X; phosphofructokinase-M (connecting peptide); Pfk4; Pfka; Pfkx; PFK-A; PFK-M; Pfk-4; AI131669
Gene ID	18642
mRNA Refseq	NM_021514
Protein Refseq	NP_067489
UniProt ID	P47857

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