

Product datasheet for **TP727171**

PFKM Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Phosphofructokinase 1/PFKM/PFKX (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Thr2-Val780
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 20mM PB,150mM NaCl,5mM EDTA,5%Trehalose,pH6.9.
Note:	Recombinant Human PhosphoFructoKinase, Muscle type is produced by our Mammalian expression system and the target gene encoding Thr2-Val780 is expressed with a 6His tag at the C-terminus.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	5213
UniProt ID:	<u>P08237</u>
Summary:	6-phosphofructokinase, muscle type is a muscle-type isozyme that in humans is encoded by the PFKM gene. It belongs to the phosphofructokinase family and Two domains subfamily. PFKM functions as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. PFK1 converts fructose 6-phosphate and ATP into fructose 1,6-bisphosphate (through PFK-1), fructose 2,6-bisphosphate (through PFK-2) and ADP.


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