Product Name: Recombinant Human PFKM (C-6His)
Catalog #: PHH1315

Summary

Name	PFKM/Phosphofructokinase-M
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	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.
Accession #	P08237
Host	Human Cells
Species	Human
Predicted Molecular Mass	86.1 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 5mM EDTA, 5% Trehalose, pH 6.9.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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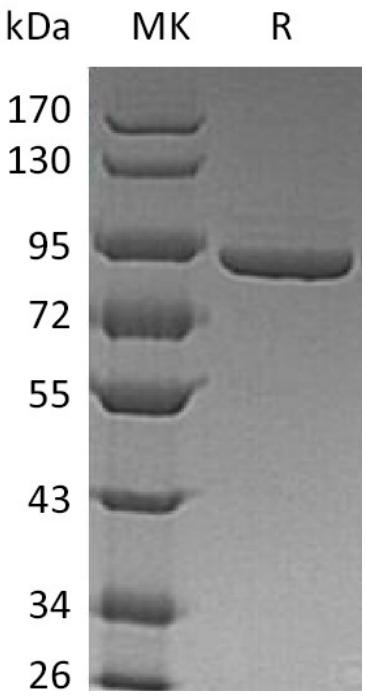

Alternative Names

6-phosphofructokinase, muscle type; Phosphofructo-1-kinase isozyme A; Phosphofructokinase 1; Phosphohexokinase; PFKM; PFKX

Background

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.

Note

For Research Use Only , Not for Diagnostic Use.