

Recombinant Human Phosphofructokinase 1/PFKM/PFKX Protein(C-6His)

Cat.NO.: TP05347

3th Edition

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

Description: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.

Form:PBS

Molecular Weight:86.1 kDa

Sequences:Thr 2-Val 780

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.