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Recombinant Human Fructose-2,6-Bisphosphatase 1/PFKFB1/PFK/FBPase 1 Protein(C-6His)

产品货号: TP06120

第三版

**别名:**6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1; 6PF-2-K/Fru-2;6-P2ase liver isozyme;  
Fructose-2;6-bisphosphatase; PFKFB1; F6PK; PFRX

**描述:**6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 1 is an enzyme that in humans is encoded by the PFKFB1 gene. The enzyme forms a homodimer that catalyzes both the synthesis and degradation of fructose-2,6-biphosphate using independent catalytic domains. It belongs to the phosphoglycerate mutase family. Fructose-2,6-biphosphate is an activator of the glycolysis pathway and an inhibitor of the gluconeogenesis pathway. Consequently, regulating fructose-2,6-biphosphate levels through the activity of this enzyme is thought to regulate glucose homeostasis.

**配方:**PBS

**分子量:**55.6 kDa

**序列:**Ser2-Tyr471

**纯度:**> 95% by HPLC

**浓度:**

**内毒素:**<1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.