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Recombinant Human PFK1 / PFKM Protein (His & GST tag)

产品货号: TP08470

第三版

别名:ATP-PFK;GSD7;PFK-1;PFK1;PFKA;PFKX;PPP1R122

**描述:**PFK1, also known as PFKM, is a regulatory glycolytic enzyme. PFK1 converts fructose 6-phosphate and ATP into fructose 1,6-bisphosphate (through PFK-1), fructose 2,6-bisphosphate (through PFK-2) and ADP. It is a muscle-type isozyme. There are three phosphofructokinase isozymes in humans: muscle, liver and platelet. These isozymes function as subunits of the mammalian tetramer phosphofructokinase, which catalyzes the phosphorylation of fructose-6-phosphate to fructose-1,6-bisphosphate. Mutations in PFK1 gene have been related with glycogen storage disease type VII, also identified as Tarui disease.

**配方:**PBS

**分子量:**112.9 kDa

**序列:**Thr 2-Val 780

**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.