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

产品货号: TP04894

第三版

别名:Fructose-1;6-bisphosphatase 1;D-fructose-1;6-bisphosphate 1-phosphohydrolase 1;FBP;FBPase 1

描述:Fructose-1,6-bisphosphatase 1(FBP1) is a homotetramer protein and belongs to the FBPase class 1 family. It involves in carbohydrate biosynthesis; gluconeogenesis pathway. FBP1 is a gluconeogenesis regulatory protein which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. FBP1 deficiency is associated with hypoglycemia and metabolic acidosis. FBP1 regulates mouse endogenous glucose production. FBP1 coupled with phosphofructokinase (PFK) takes part in the metabolism of pancreatic islet cells.

配方:PBS

分子量:37.8 kDa

序列:Ala2-Gln338

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.