

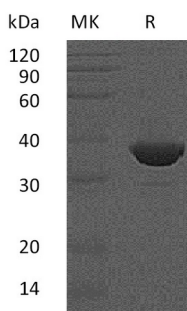
Product Name: Recombinant Human FBPase1 (C-6His)
Catalog #: PHH0688



概述 (Summary)

英文全称	Fructose-1,6-bisphosphatase 1/FBP1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Fructose-1,6-Bisphosphatase 1 is produced by our Mammalian expression system and the target gene encoding Ala2-Gln338 is expressed with a 6His tag at the C-terminus.
Accession #	P09467
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	37.8 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 1mM DTT, 1mMEDTA, 10% Glycerol, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (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.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

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

背景介绍 (References)

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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.