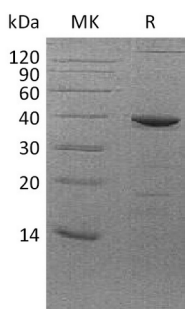


Product Name: Recombinant Human FBPase1 (C-6His, E. coli)
Catalog #: PEH0625

概述 (Summary)

英文全称	FBPase 1/FBP1/Fructose-1,6-bisphosphatase 1
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 E.coli 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)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	37.89 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 200mM NaCl, 1mM DTT, 1mM EDTA, 20% 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)

Product Name: Recombinant Human FB Pase1 (C-6His, E. coli)
Catalog #: PEH0625

分子别名 (Alternative Names)

Fructose-1; 6-Bisphosphatase 1; FB Pase 1; D-Fructose-1; 6-Bisphosphate 1-Phosphohydrolase 1; FB P1; FB P

背景介绍 (References)

Fructose-1,6-Bisphosphatase 1 (FB Pase 1) is a member of the FB Pase class 1 family. FB Pase 1 is a gluconeogenesis regulatory protein, which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. FB Pase 1 can assume an active R-state, or an inactive T-state. FB Pase 1 deficiency is inherited as an autosomal recessive disorder mainly in the liver and causes life-threatening episodes of hypoglycemia and metabolic acidosis in newborn infants or young children. FB Pase 1 coupled with phosphofructokinase (PFK) is involved in the metabolism of pancreatic islet cells.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.