

Recombinant Human FBP1 Protein, GST-tagged

Cat. No. FBP1-787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBP1(Ala2-Gln338), transcript variant 1, fused with N-terminal GST was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-338 a.a.
Description	Fructose-1,6-bisphosphatase 1, a gluconeogenesis regulatory enzyme, catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. Fructose-1,6-diphosphatase deficiency is associated with hypoglycemia and metabolic acidosis.
Form	20mM Tris-HCl, 200mM NaCl, 1mM DTT, 1mM EDTA, 20% Glycerol, pH 8.0. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	37.9 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	FBP1 fructose-1,6-bisphosphatase 1 [Homo sapiens]
Official Symbol	FBP1
Synonyms	FBP1; fructose-1,6-bisphosphatase 1; FBP; FBPase 1; fructose-bisphosphatase 1; growth-inhibiting protein 17; D-fructose-1,6-bisphosphate 1-phosphohydrolase 1;
Gene ID	2203
mRNA Refseq	NM_000507
Protein Refseq	NP_000498
MIM	611570
UniProt ID	P09467

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