

Product datasheet for **TP720120XL**

FBP1 (NM_000507) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fructose-1,6-bisphosphatase 1 (FBP1), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Ala2-Gln338
Tag:	C-His
Predicted MW:	37.9 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_000498
Locus ID:	2203
UniProt ID:	P09467
Cytogenetics:	9q22.32
Synonyms:	FBP
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Stem cell - Pluripotency
Protein Pathways:	Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway



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Product images:

