

Product datasheet for **TP720120**

FBP1 (NM_000507) Human Recombinant Protein

Product data:

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| 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: | Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 200mM NaCl, 1mM DTT, 1mM EDTA, 20% Glycerol, pH 8.0. |
| Endotoxin: | < 0.1 EU per µg protein as determined by LAL test |
| Storage: | Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles. |
| 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 |



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Protein Pathways: Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway

Product images:

