

Recombinant Human FBP2, GST-tagged

Cat. No. FBP2-12769H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBP2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-57a.a.
Description	This gene encodes a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	FBP2 fructose-1,6-bisphosphatase 2 [Homo sapiens]
Official Symbol	FBP2

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Synonyms	FBP2; fructose-1,6-bisphosphatase 2; fructose-1,6-bisphosphatase isozyme 2; FBPase 2; hexosediphosphatase; muscle fructose-bisphosphatase; D-fructose-1,6-bisphosphate 1-phosphohydrolase 2; MGC142192;
Gene ID	8789
mRNA Refseq	NM_003837
Protein Refseq	NP_003828
MIM	603027
UniProt ID	O00757
Chromosome Location	9q22.3
Pathway	Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem; Gluconeogenesis, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, organism-specific biosystem; Gluconeogenesis, oxaloacetate => fructose-6P, conserved biosystem;
Function	fructose 1,6-bisphosphate 1-phosphatase activity; fructose-2,6-bisphosphate 2-phosphatase activity; hydrolase activity; metal ion binding; phosphoric ester hydrolase activity;