

# Recombinant Full Length Human FBP2 Protein, GST-tagged

**Cat. No.** FBP2-4897HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FBP2 full-length ORF ( NP_003828.2, 1 a.a. - 339 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	339 amino acids
<b>Description</b>	This gene encodes a gluconeogenesis regulatory enzyme which catalyzes the hydrolysis of fructose 1,6-bisphosphate to fructose 6-phosphate and inorganic phosphate. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	63.1 kDa
<b>AA Sequence</b>	MTDRSPFETDMLTLTRYVMEKGRQAKGTGELTQLLNSMLTAIKAISSAVRKAGLAHL YGIAGSVNVTGDEVKKLDVLSNSLVINMVQSSYSTCVLVSEENKDAITAKEKRGKYV VCFDPLDGSSNIDCLASIGTIFAIYRKTSEDEPSEKDALQCGRNIVAAGYALYGSATLV ALSTGQGVDLFDLDPALGEFVLVEKDVKIKKKGKIYSLNEGYAKYFDAATTEYVQKK KFPEDGSAPYGARYVGSMAVADVHRTLTVYGGIFLYPANQKSPKGLRLLYECNPVAYI IEQAGGLATTGTQPVLDVKPEAIHQRVPLILGSPEDVQEYLTCVQKNQAGS
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	FBP2 fructose-1,6-bisphosphatase 2 [ Homo sapiens ]
<b>Official Symbol</b>	FBP2
<b>Synonyms</b>	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;
<b>Gene ID</b>	8789
<b>mRNA Refseq</b>	NM_003837
<b>Protein Refseq</b>	NP_003828
<b>MIM</b>	603027
<b>UniProt ID</b>	O00757

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