

Recombinant Human FBP1 Protein, His-tagged

Cat. No. FBP1-788H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBP1, transcript variant 1, fused with His tag at C-terminal was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	Supplied as a 0.2 μM filtered solution of 20mM TrisHCl, 1mM DTT, 10% glycerol, pH 8.0
Molecular Mass	37.8kD
AA Sequence	ADQAPFDTDVNTLTRFVMEEGRKARGTGELTQLLNSLCTAVKAISSAVRKAGIAHLY GIAGSTNVTGDQVKKLDVLSNDLVMNMLKSSFATCVLVSEEDKHAIIVEPEKRGKYV VCFDPLDGSSNIDCLVSVGTIFGIYRKKSTDEPSEKDALQPGRNLVAAGYALYGSAT MLVLAMDCGVNCFMLDPAIGEFILVDKDKVKKKKGKIYSLNEG YARDFDP AVTEYIQR KKFPPDNSAPYGARYV GSMVADVHRTL VYGGIFLYPANKKSPNGKLRLLYECNPMA YVMEKAGGMATTGKEAVLDVIPTDIHQ RAPVILGSPDDVLEFLKVYEKHS AQVDHHH HHH*

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
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Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
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GENE INFORMATION

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