

Recombinant Human FBP1 Protein, His&GST-tagged

Cat. No. FBP1-1467H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FBP1 Protein (Met1-Gln338) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln338
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 66.8 kDa Accurate Molecular Mass: 67 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

[FBP1 fructose-bisphosphatase 1 \[Homo sapiens \(human\) \]](#)

Official Symbol

[FBP1](#)

Synonyms

FBP1; fructose-bisphosphatase 1; FBP; fructose-1,6-bisphosphatase 1; D-fructose-1,6-bisphosphate 1-phosphohydrolase 1; FBPase 1; growth-inhibiting protein 17; liver FBPase; EC 3.1.3.11

Gene ID

[2203](#)

mRNA Refseq

[NM_000507](#)

Protein Refseq

[NP_000498](#)

MIM

[611570](#)

UniProt ID

[P09467](#)

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