

## Recombinant Mouse Fbp2 Protein, His-tagged

**Cat. No.** Fbp2-1468M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Fbp2 Protein (Met1-Phe263) with N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Phe263
<b>Description</b>	Predicted to enable fructose 1,6-bisphosphate 1-phosphatase activity and identical protein binding activity. Predicted to be involved in several processes, including fructose 1,6-bisphosphate metabolic process; hexose metabolic process; and sucrose biosynthetic process. Predicted to act upstream of or within carbohydrate metabolic process. Predicted to be located in plasma membrane. Predicted to be active in cytosol. Is expressed in several structures, including alimentary system; central nervous system; genitourinary system; integumental system; and limb segment. Orthologous to human FBP2 (fructose-bisphosphatase 2).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 32.3 kDa Accurate Molecular Mass: 32 kDa
<b>Purity</b>	> 97%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Fbp2 fructose bisphosphatase 2 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Fbp2</a>
<b>Synonyms</b>	FBP2; fructose bisphosphatase 2; fructose-1,6-bisphosphatase isozyme 2; FBPase 2; FBPase muscle; D-fructose-1,6-bisphosphate 1-phosphohydrolase 2; Fbp1; Fbp-1; Rae-30;
<b>Gene ID</b>	<a href="#">14120</a>
<b>mRNA Refseq</b>	<a href="#">NM_007994</a>
<b>Protein Refseq</b>	<a href="#">NP_032020</a>
<b>UniProt ID</b>	<a href="#">P70695</a>

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