Recombinant Mouse Fbp2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse Fbp2 Protein (Met1-Phe263) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Phe263
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 32.3 kDa Accurate Molecular Mass: 32 kDa
Purity	> 97%

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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 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	Fbp2 fructose bisphosphatase 2 [Mus musculus (house mouse)]
Official Symbol	Fbp2
Synonyms	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;
Gene ID	14120
mRNA Refseq	NM_007994
Protein Refseq	NP_032020
UniProt ID	P70695

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