

Recombinant Mouse Fabp6 Protein, His-tagged

Cat. No. Fabp6-483M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Fabp6(Glu10~Ala128) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Glu10~Ala128
Description	The protein encoded by this gene is part of the fatty acid binding protein family (FABP). FABPs are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands and participate in fatty acid uptake, transport, and metabolism. This protein functions within the ileum, the distal 25-30% of the small intestine, and plays a role in enterohepatic circulation of bile acids and cholesterol homeostasis. In humans, it has been reported that polymorphisms in FABP6 confer a protective effect in obese individuals from developing type 2 diabetes. In mice deficiency of this gene affects bile acid metabolism in a gender-specific manner and was reported to be required for efficient apical to basolateral transport of conjugated bile acids.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	17.1kDa
Identity	Reconstitute in PBS or others

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Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
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.
Reconstitution	Reconstitute in PBS or others

GENE INFORMATION

Gene Name	Fabp6 fatty acid binding protein 6, ileal (gastrotropin) [Mus musculus]
Official Symbol	Fabp6
Synonyms	FABP6; fatty acid binding protein 6, ileal (gastrotropin); gastrotropin; GT; ileal lipid binding protein; ileal lipid-binding protein; fatty acid-binding protein 6; ILBP; I-15P; ILBP3; Illbp; I-BABP; RP23-26M1.3;
Gene ID	16204
mRNA Refseq	NM_008375

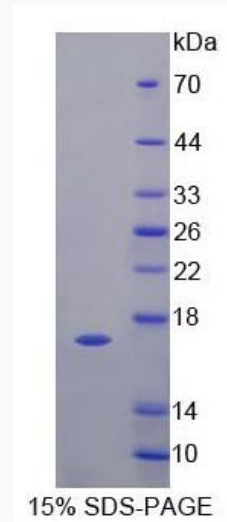
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Protein Refseq NP_032401

UniProt ID P51162



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