

Recombinant Mouse Fabp2 Protein, MYC/DDK-tagged

Cat. No. Fabp2-1007M Lot. No. (See product label)

SPECIFICATION

Product Overview Purified recombinant protein of full-length mouse fatty acid binding protein 2, intestinal (Fabp2), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.

Species Mouse

Source HEK293

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 enterocytes, possibly to sense lipids as part of energy homeostasis. In humans polymorphisms are associated with increased fat oxidation and insulin resistance. In mice deficiency of this gene alters body weight in a gender-specific manner and causes hyperinsulinemia.

Molecular Mass 15.1 kDa

Purity >80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade after receiving vials.

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Concentration >50 g/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Fabp2 fatty acid binding protein 2, intestinal \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Fabp2](#)

Synonyms Fabp2; fatty acid binding protein 2, intestinal; Fabpi; I-FABP; fatty acid-binding protein, intestinal; intestinal fatty acid binding protein 2; intestinal-type fatty acid-binding protein

Gene ID [14079](#)

mRNA Refseq [NM_007980](#)

Protein Refseq [NP_032006](#)

UniProt ID [P55050](#)

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