Recombinant Human FABP1 protein, MYC/DDK-tagged, C13/N15-labeled

Cat. No. FABP1-657H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP1 fused with MYC/DDK tag at C-terminal was expressed in HEK293 and labled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine.
Species	Human
Source	HEK293
Description	This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.
Form	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
Molecular Mass	14 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	> 50 ug/ml as determined by BCA

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GENE INFORMATION

Gene Name	FABP1 fatty acid binding protein 1, liver [Homo sapiens]
Official Symbol	FABP1
Synonyms	FABP1; fatty acid binding protein 1, liver; fatty acid-binding protein, liver; L FABP; fatty acid-binding protein 1; liver-type fatty acid-binding protein; FABPL; L-FABP;
Gene ID	2168
mRNA Refseq	NM_001443
Protein Refseq	NP_001434
MIM	134650
UniProt ID	P07148
Chromosome Location	2p11
Pathway	Fat digestion and absorption, organism-specific biosystem; Fat digestion and absorption, conserved biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of lipids and lipoproteins, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	bile acid binding; chromatin binding; drug binding; fatty acid binding; long-chain fatty acid transporter activity; phospholipid binding; transporter activity;

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