Recombinant Human FABP4 protein, MYC/DDK-tagged, C13/N15-labeled

Cat. No. FABP4-652H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP4 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	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. 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	14.5 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

GENE INFORMATION

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Gene Name	FABP4 fatty acid binding protein 4, adipocyte [Homo sapiens]
Official Symbol	FABP4
Synonyms	FABP4; fatty acid binding protein 4, adipocyte; fatty acid-binding protein, adipocyte; A FABP; aP2; fatty acid-binding protein 4; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; ALBP; AFABP; A-FABP;
Gene ID	2167
mRNA Refseq	NM_001442
Protein Refseq	NP_001433
MIM	600434
UniProt ID	P15090
Chromosome Location	8q21.13
Pathway	Developmental Biology, organism-specific biosystem; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis, organism-specific biosystem; Lipid digestion, mobilization, and transport, 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	fatty acid binding; transporter activity;

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