

Recombinant Human FABP4

Cat. No. FABP4-120H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP4 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-132aa
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	Liquid in 20mM Tris-HCl pH 7.5, 10% glycerol
Molecular Mass	14kDa (132aa), confirmed by MALDI-TOF.
AA Sequence	MCDAFVGTWK LVSSNFDDY MKEVGVGFAT RKVAGMAKPN MIISVNGDVI TIKSESTFKN TEISFILGQE FDEVTADDRK VKSTITLDGGVLVHVQKWGDG KSTTIKRKRE DDKLVVECVM KGVSTSTRVYE RA
Purity	> 95% by SDS - PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name FABP4 fatty acid binding protein 4, adipocyte [Homo sapiens (human)]

Official Symbol FABP4

Synonyms Fatty Acid Binding Protein, Adipocyte; FABP-4; Adipocyte lipid-binding protein; A-FABP; ALBP; Adipocyte Bindng Protein AP2;FABP4; fatty acid binding protein 4, adipocyte; aP2; A-FABP; AFABP; Adipocyte lipid-binding protein; Fatty acid-binding protein 4.

Gene ID 2167

mRNA Refseq NM_001442

Protein Refseq NP_001433

MIM 600434

UniProt ID P15090

Chromosome Location 8q21

Pathway Developmental Biology; Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis; Lipid digestion, mobilization, and transport

Function fatty acid binding; fatty acid binding

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