

Recombinant Human FABP4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FABP4-3179H Lot. No. (See product label)

SPECIFICATION

Product Overview	FABP4 MS Standard C13 and N15-labeled recombinant protein (NP_001433) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	14.5 kDa
AA Sequence	MCDAFVGTWKLVSSENFDDYMKEVGVGFATRQVAGMAKPNMIISVNGDVITIKSEST FKNTEISFILGQEFDEV TADDRKVKSTITLDGGVLVHVQKWGDKSTTIKRKREDDKLV VECVMKGVTSTRVYERATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

 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

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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

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SDS-PAGE



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