

Recombinant Human FABP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FABP1-6128H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FABP1 MS Standard C13 and N15-labeled recombinant protein (NP_001434) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	14.2 kDa
AA Sequence	MSFSGKYQLQSQENFEAFMKAIGLPEELIQKGKDIKGVSEIVQNGKHFKFTITAGSKV IQNEFTVGEECELETMTGEKVKTVVQLEGDNKLVTTFKNIKSVTELNGDIITNTMTLG DIVFKRISKRITRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	FABP1 fatty acid binding protein 1 [Homo sapiens (human)]
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

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SDS-PAGE

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