

Recombinant Human FABP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. FABP2-3697H Lot. No. (See product label)

SPECIFICATION

Product Overview	FABP2 MS Standard C13 and N15-labeled recombinant protein (NP_000125) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is an intracellular fatty acid-binding protein that participates in the uptake, intracellular metabolism, and transport of long-chain fatty acids. The encoded protein is also involved in the modulation of cell growth and proliferation. This protein binds saturated long-chain fatty acids with high affinity, and may act as a lipid sensor to maintain energy homeostasis.
Molecular Mass	15.2 kDa
AA Sequence	MAFDSTWKVDRSENYDKFMEKMGVNIVKRKLAHDNLKLTITQEGNKFTVKESSAF RNIEVVFELGVTFNYNLADGTELRGTSLEGNKLIGKFKRTDNGNELNTVREIIGDEL VQTYVYEGVEAKRIFKKDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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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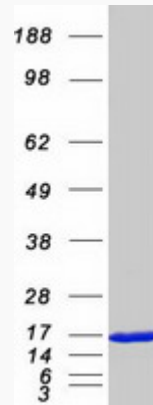
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	FABP2 fatty acid binding protein 2 [Homo sapiens (human)]
Official Symbol	FABP2
Synonyms	FABP2; fatty acid binding protein 2, intestinal; fatty acid-binding protein, intestinal; I FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein; FABPI; I-FABP; MGC133132;
Gene ID	2169
mRNA Refseq	NM_000134
Protein Refseq	NP_000125
MIM	134640
UniProt ID	P12104

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SDS-PAGE



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