

## Recombinant Human FABP7 protein, MYC/DDK-tagged, C13/N15-labeled

**Cat. No.** FABP7-654H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FABP7 fused with MYC/DDK tag at C-terminal was expressed in HEK293 and labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	The protein encoded by this gene is a brain fatty acid binding protein. Fatty acid binding proteins (FABPs) are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs are thought to play roles in fatty acid uptake, transport, and metabolism.
<b>Form</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>Molecular Mass</b>	14.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Concentration</b>	> 50 ug/ml as determined by BCA

### GENE INFORMATION

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<b>Gene Name</b>	FABP7 fatty acid binding protein 7, brain [ Homo sapiens ]
<b>Official Symbol</b>	FABP7
<b>Synonyms</b>	FABP7; fatty acid binding protein 7, brain; fatty acid-binding protein, brain; B FABP; BLBP; brain lipid binding protein; brain lipid-binding protein; fatty acid-binding protein 7; brain-type fatty acid-binding protein; mammary-derived growth inhibitor related; mammary-derived growth inhibitor-related; MRG; FABPB; B-FABP; DKFZp547J2313;
<b>Gene ID</b>	2173
<b>mRNA Refseq</b>	NM_001446
<b>Protein Refseq</b>	NP_001437
<b>MIM</b>	602965
<b>UniProt ID</b>	O15540
<b>Chromosome Location</b>	6q22-q23
<b>Pathway</b>	PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
<b>Function</b>	lipid binding; transporter activity;

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