

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

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

SPECIFICATION

Product Overview	Recombinant Human FABP7 fused with MYC/DDK tag at C-terminal was expressed in HEK293 and labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine.
Species	Human
Source	HEK293
Description	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.
Form	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
Molecular Mass	14.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	> 50 ug/ml as determined by BCA

GENE INFORMATION

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Gene Name	FABP7 fatty acid binding protein 7, brain [Homo sapiens]
Official Symbol	FABP7
Synonyms	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;
Gene ID	2173
mRNA Refseq	NM_001446
Protein Refseq	NP_001437
MIM	602965
UniProt ID	O15540
Chromosome Location	6q22-q23
Pathway	PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
Function	lipid binding; transporter activity;