

Recombinant Human FABP7

Cat. No. FABP7-26319TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant FABP7 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-132aa
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	Liquid in 25mM Tris pH 7.5, 1mM DTT, 2mM EDTA, 10% glycerol
Molecular Mass	14kDa (132aa), confirmed by MALDI-TOF.
AA Sequence	MVEAFCATWK LTNSQNFDEY MKALGVGFAT RQVGNVTKPT VIISQEGDKV VIRTLSTFKN TEISFQLGEE FDETTADDRN CKSVVSLDGDKLVHIQKWDG KETNFVREIK DGKMVMTLTF GDVVAVRHYE KA
Purity	> 95% by SDS - PAGE
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and

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store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

Concentration 1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name FABP7 fatty acid binding protein 7, brain [Homo sapiens (human)]

Official Symbol FABP7

Synonyms FABP7; fatty acid binding protein 7, brain; B-FABP; BLBP; DKFZp547J2313; FABPB; MRG; OTTHUMP00000017118; Brain lipid-binding protein; Fatty acid-binding protein 7; Mammary-derived growth inhibitor related; brain lipid binding protein; fatty acid binding protein 7, brain; mammary-derived growth inhibitor-related.

Gene ID 2173

mRNA Refseq NM_001446

Protein Refseq NP_001437

MIM 602965

UniProt ID O15540

Chromosome Location 6q22-q23

Pathway PPAR signaling pathway

Function lipid binding; transporter activity

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