Recombinant Human FABP7, His-tagged

Cat. No. FABP7-26318TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human BLBP with N-Terminal His tag.Mol Wt 16kDa, inclusive of tag
Species	Human
ProteinLength	131 amino acids
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.
Conjugation	HIS
Molecular Weight	16.000kDa inclusive of tags
Tissue specificity	Expressed in brain and other neural tissues.
Form	Lyophilised:Add deionized water (200 µl) to prepare a working stock solution of approximately 0.5 mg/mL
Purity	by SDS-PAGE
Storage buffer	pH: 7.40Constituents:99% Phosphate Buffer, 0.44% Sodium chloride

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MKHHHHHHAS VEAFCATWKL TNSQNFDEYM KALGVGFATR QVGNVTKPTV IISQEGDKVV IRTLSTFKNT EISFQLGEEF DETTADDRNC KSVVSLDGDK LVHIQKWDGK ETNFVREIKD GKMVMTLTFG DVVAVRHYEK A
Sequence Similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

GENE INFORMATION

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;
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,

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	conserved biosystem;
Function	lipid binding; transporter activity;

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