

## Product datasheet for **TP720119**

### **BLBP (FABP7) (NM\_001446) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human fatty acid binding protein 7, brain (FABP7)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Val2-Ala132
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	17 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	< 0.1 EU per µg protein as determined by LAL test
<b>Reconstitution Method:</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH <sub>2</sub> O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_001437</a>
<b>Locus ID:</b>	2173
<b>UniProt ID:</b>	<a href="#">O15540</a>
<b>Cytogenetics:</b>	6q22.31
<b>Synonyms:</b>	B-FABP; BLBP; FABPB; MRG



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**Summary:**

The gene encodes a small, highly conserved cytoplasmic protein that bind long-chain fatty acids and other hydrophobic ligands. The encoded protein is important in the establishment of the radial glial fiber in the developing brain. Alternative splicing and promoter usage results in multiple transcript variants encoding different isoforms. Pseudogenes of this gene are found on multiple chromosomes. [provided by RefSeq, Jan 2016]

**Protein Pathways:**

PPAR signaling pathway

**Product images:**