

## Product datasheet for **TP720117**

### **FABP4 (NM\_001442) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human fatty acid binding protein 4, adipocyte (FABP4)
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Cys2-Ala132
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	16.9 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_001433</a>
<b>Locus ID:</b>	2167
<b>UniProt ID:</b>	<a href="#">P15090</a> , <a href="#">E7DVW4</a>
<b>Cytogenetics:</b>	8q21.13
<b>Synonyms:</b>	A-FABP; AFABP; ALBP; aP2; HEL-S-104
<b>Summary:</b>	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]



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Protein Families: Druggable Genome

Protein Pathways: PPAR signaling pathway

**Product images:**

