

## Product datasheet for **TP302702**

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

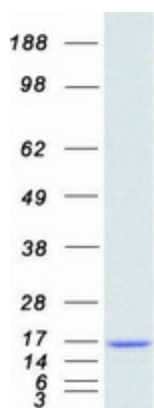
#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fatty acid binding protein 4, adipocyte (FABP4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202702 representing NM_001442 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MCDAFVGTWKLVSSENFDDYMKEVGVGFATRQVAGMAKPNMIISVNGDVITIKSESTFKNTEISFILGQE FDEVTADDRKVKSTITLDGGVLVHVQKWDGKSTTIKRRKREDDKLWECVMKGVSTSTRVYERA  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	14.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001433</a>
Locus ID:	2167
UniProt ID:	<a href="#">P15090</a> , <a href="#">E7D VW4</a>
RefSeq Size:	619
Cytogenetics:	8q21.13



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RefSeq ORF:	396
Synonyms:	A-FABP; AFABP; ALBP; aP2; HEL-S-104
Summary:	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]
Protein Families:	Druggable Genome
Protein Pathways:	PPAR signaling pathway

**Product images:**

Coomassie blue staining of purified FABP4 protein (Cat# TP302702). The protein was produced from HEK293T cells transfected with FABP4 cDNA clone (Cat# [RC202702]) using MegaTran 2.0 (Cat# [TT210002]).