

## Product datasheet for **TP305307L**

### **FABP6 (NM\_001445) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fatty acid binding protein 6, ileal (FABP6), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205307 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAFTGKFEMESEKNYDEFMKLLGISSDVIEKAHNFKIVTEVQQDGDFTWSQHYYGGHTMTNKFTVKGES  
NIQTMGGKTFKATVQMEGGKLVNFPNYHQTSEIVGDKLVEVSTIGGVTYERVSKRLA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	14.2 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_001436</a>
Locus ID:	2172
UniProt ID:	<a href="#">P51161</a>
RefSeq Size:	587



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Cytogenetics: 5q33.3

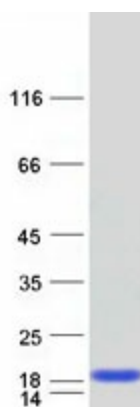
RefSeq ORF: 384

Synonyms: I-15P; I-BABP; I-BALB; I-BAP; ILBP; ILBP3; ILLBP

**Summary:** This gene encodes the ileal fatty acid binding protein. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP6 and FABP1 (the liver fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. Transcript variants generated by alternate transcription promoters and/or alternate splicing have been found for this gene. [provided by RefSeq, Jul 2008]

**Protein Pathways:** PPAR signaling pathway

### Product images:



Coomassie blue staining of purified FABP6 protein (Cat# [TP305307]). The protein was produced from HEK293T cells transfected with FABP6 cDNA clone (Cat# [RC205307]) using MegaTran 2.0 (Cat# [TT210002]).