

## Product datasheet for **TP301973L**

### Fatty Acid Binding Protein 5 (FABP5) (NM\_001444) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fatty acid binding protein 5 (psoriasis-associated) (FABP5), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201973 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGMAMAKPDCIITCDGKNLTIKTESTLKTTQFSCTLG EKFEETTADGRKTQVCNFTDGALVQHQEWDGKESTITRKLKDGKLVVECVMMNNVTCTRIYEKVE
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	15 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_001435</a>
Locus ID:	2171
UniProt ID:	<a href="#">Q01469</a> , <a href="#">E7DVW5</a>
RefSeq Size:	751



[View online »](#)

Cytogenetics: 8q21.13

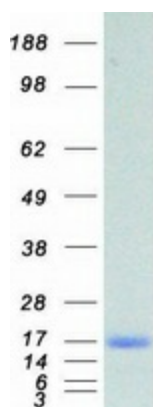
RefSeq ORF: 405

Synonyms: E-FABP; EFABP; KFABP; PA-FABP; PAFABP

**Summary:** This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]

**Protein Pathways:** PPAR signaling pathway

### Product images:



Coomassie blue staining of purified FABP5 protein (Cat# [TP301973]). The protein was produced from HEK293T cells transfected with FABP5 cDNA clone (Cat# [RC201973]) using MegaTran 2.0 (Cat# [TT210002]).