

Product datasheet for TP301973M

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), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201973 protein sequence Red=Cloning site Green=Tags(s)

MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTESTLKTTQFSCTLG
EKFEETTADGRKTQVCNFTDGALVQHQEWDGKESTITRKLKDGKLVVECVMMNNVTCTRIYEKVE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	NP_001435
Locus ID:	2171
UniProt ID:	Q01469 , E7DVW5
RefSeq Size:	751



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Cytogenetics: 8q21.13

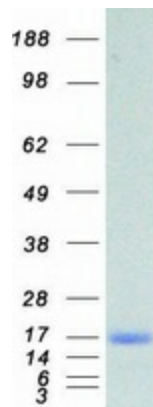
RefSeq ORF: 405

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]).