

# Recombinant Human FABP5 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** FABP5-3366H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FABP5 MS Standard C13 and N15-labeled recombinant protein (NP_001435) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	15.2 kDa
<b>AA Sequence</b>	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTE STLKTTQFSCTLGEKFEETTADGRKTQTVCNFTD GALVQHQEWGKESTITRKLKD GKLVVECVMNNVTCTRIYEK VETRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.

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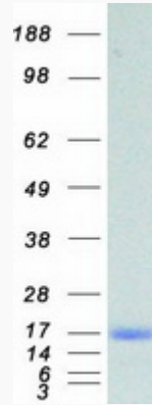
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	FABP5 fatty acid binding protein 5 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FABP5
<b>Synonyms</b>	FABP5; fatty acid binding protein 5 (psoriasis-associated); fatty acid-binding protein, epidermal; E FABP; KFABP; PA FABP; epidermal-type fatty acid-binding protein; psoriasis-associated fatty acid-binding protein homolog; EFABP; E-FABP; PAFABP; PA-FABP;
<b>Gene ID</b>	2171
<b>mRNA Refseq</b>	NM_001444
<b>Protein Refseq</b>	NP_001435
<b>MIM</b>	605168
<b>UniProt ID</b>	Q01469

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SDS-PAGE



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