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

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

SPECIFICATION

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

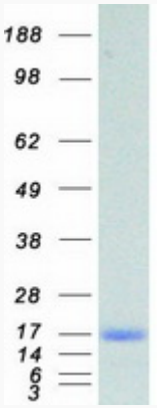
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	FABP5 fatty acid binding protein 5 [Homo sapiens (human)]
Official Symbol	FABP5
Synonyms	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;
Gene ID	2171
mRNA Refseq	NM_001444
Protein Refseq	NP_001435
MIM	605168
UniProt ID	Q01469

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SDS-PAGE	

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