Recombinant Full Length Human FABP5 Protein, GST-tagged

Cat. No. FABP5-4424HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FABP5 full-length ORF (AAH19385, 1 a.a. - 135 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	135 amino acids
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.[provided by RefSeq, Feb 2011]
Molecular Mass	40.59 kDa
AA Sequence	MATVQQLEGRWRLVDSKGFDEYMKELGVGIALRKMGAMAKPDCIITCDGKNLTIKTE STLKTTQFSCTLGEKFEETTADGRITQTVCNFTDGALVQHQEWDGKESTITRKLKDG KLVVECVMNNVTCTRIYEKVE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	FABP5 fatty acid binding protein 5 (psoriasis-associated) [Homo sapiens]
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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