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Product datasheet for AR09024PU-N

FABP5 (1-135) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	FABP5 (1-135) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MATVQQLEGR WRLVDSKGFD EYMKELGVGI ALRKMGAMAK PDCIITCDGK NLTIKTESTL KTTQFSCTLG EKFEETTADG RKTQTVCNFT DGALVQHQEW DGKESTITRK LKDGKLVVEC VMNNVTCTRI YEKVE
Predicted MW:	15 kDa
Concentration:	lot specific
Purity:	>90% >/= 90% by SDS-PAGE
Buffer:	Presentation State: Purified State: E. coli Buffer System: 20 mM Tris pH 8.0, 1 mM DTT, 20% Glycerol
Preparation:	E. coli
Protein Description:	Recombinant human FABP5 was expressed in E.coli and purified by conventional chromatography.
Note:	NCBI Accession No: NP_001435
Storage:	Store (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001435
Locus ID:	2171
UniProt ID:	Q01469, E7DVW5
Cytogenetics:	8q21.13
Synonyms:	E-FABP; EFABP; KFABP; PA-FABP; PAFABP

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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: