

Fatty Acid Binding Protein-5 Recombinant Protein | FABP5 recombinant protein

Recombinant Human Fatty Acid Binding Protein-5

CATALOG #
AAA38485

HOST
E Coli

PRODUCT SYNONYMS

Fatty Acid Binding Protein-5; Recombinant Human Fatty Acid Binding Protein-5; FABP5 Human; Epidermal Fatty Acid Binding Protein Human Recombinant; Fatty acid-binding protein epidermal; E-FABP; Fatty acid-binding protein 5; Psoriasis-associated fatty acid-binding protein homolog; PA-FABP; FABP5; EFABP; PAFABP; FABP5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Specificity	The amino acid sequence of the recombinant human FABP5 is 100% homologous to the amino acid sequence of the human FABP-5.
Purity/Purification	> 90% as determined by SDS PAGE. Two-step procedure using size exclusion chromatography before and after refolding.
Form/Format	Sterile filtered and lyophilized from 0.5 mg/ml in phosphate buffered saline. Sterile Filtered lyophilized (freeze-dried) powder.
Sequence Length	135
Solubility	Add 0.2 ml of dH2O and let the lyophilized pellet dissolve completely.
Preparation and Storage	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid freeze-thaw cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

ADDITIONAL INFORMATION

Related Product Information for FABP5 recombinant protein	Description: Recombinant Human Epidermal Fatty Acid Binding Protein (FABP-5) is a monodimeric, non-glycosylated, polypeptide chain containing 135 amino acids and having a total molecular mass of 15200 Daltons. Introduction: Human Fatty Epidermal Acid Binding Protein FABP also called FABP-5 is a 15 kD member of the intracellular fatty acid binding protein (FABP) family, which is known for the ability to bind fatty acids and related compounds (bile acids or retinoids). In an internal cavity. The fatty acid binding proteins aP2 (fatty acid binding protein [FABP]-4) and mal1 (EFABP) are closely related and both are expressed in adipocytes. Absence of EFABP/mal1 resulted in increased systemic insulin sensitivity in two models of obesity and insulin resistance. Adipocytes isolated from mal1-deficient mice also exhibited enhanced insulin-stimulated glucose transport capacity. In contrast, mice expressing high levels of mal1 in adipose tissue display reduced systematic insulin activity.
Product Categories/Family for FABP5 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; FABP

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557581
NCBI GeneID	2171
NCBI Accession #	NP_001435.1
NCBI GenBank Nucleotide #	NM_001444.2

UniProt Accession #	Q01469; B2R4K0
NCBI Official Full Name	fatty acid-binding protein, epidermal
NCBI Official Synonym Full Names	fatty acid binding protein 5 (psoriasis-associated)
NCBI Official Symbol	FABP5
NCBI Official Synonym Symbols	EFABP; KFABP; E-FABP; PAFABP; PA-FABP
NCBI Protein Information	fatty acid-binding protein, epidermal; epidermal-type fatty acid-binding protein; psoriasis-associated fatty acid-binding protein homolog
UniProt Protein Name	Fatty acid-binding protein, epidermal
UniProt Gene Name	FABP5
UniProt Synonym Gene Names	E-FABP; PA-FABP
UniProt Entry Name	FABP5_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fabp5-recombinant-protein-e-coli/38485>