

FABP5 Human, His

Description: FABP5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 135 amino acids and having a molecular mass of 19.66kDa. FABP5 is fused to His tag at N-terminus and purified by standard chromatography techniques.

Catalog #: PRPS-673

For research use only.

Synonyms: Fatty acid-binding protein epidermal, E-FABP, Fatty acid-binding protein 5, Psoriasis-associated fatty acid-binding protein homolog, PA-FABP, FABP5, EFABP, PAFABP.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered colorless liquid formulation.

Purity: Greater than 95% as determined by SDS-PAGE.

Formulation:

FABP5 His-Tag is supplied in 20mM Tris HCl pH-8 and 50% glycerol.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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