

## 32-3797: FABP5 His Recombinant Protein

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

### Description

Source : Escherichia Coli. 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. 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 Info

**Amount :** 10 µg  
**Purification :** Greater than 95% as determined by SDS-PAGE.  
**Content :** FABP5 His-Tag is supplied in 20mM Tris HCl pH-8 and 50% glycerol.  
**Storage condition :** 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.

