

## 32-3796: FABP5 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. 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. 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 90% as determined by SDS PAGE.  
**Content :** Sterile filtered and lyophilized from 0.5 mg/ml in phosphate buffered saline.  
**Storage condition :** 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.

### Application Note

Add 0.2 ml of dH2O and let the lyophilized pellet dissolve completely.