

**FABP4, 1-132aa, Human, Recombinant, E.coli**

**Cat.NO.: TP02075**

3th Edition

**Synonyms:**Fatty acid binding protein 4, Fatty acid-binding protein, adipocyte, A-FABP, ALBP

**Description:**FABP4 (Fatty acid binding protein 4) is expressed in adipocytes and macrophages, and integrates inflammatory and metabolic responses. FABP4 is thought to regulate fatty acid uptake, release, and storage in adipocytes and participates in systemic glucose homeostasis and in macrophage responses in atherosclerosis.

**Form:**Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM EDTA,10% glycerol

**Molecular Weight:**14kDa (132aa), confirmed by MALDI-TOF

**Sequences:**

MCDAFVGTWKLVSSENFDDYMKEVGVGVFATR KVAGMAKPNMIISVNGDVITIKSESTFKNTEISFILGQEFDEVTAD  
DRKVKSTITLDGGVLVHVQKWDGKSTTIKRKREDDKL VVECVMKGVTSTRVYERA

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.