

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:

MCDAFVGTWKLVSSENFDDYMKEVGVGFATRQVAGMAKPNMIISVNGDVITIKSESTFKNTEISFILGQEFDEVTD
DRKVKSTITLDGGVLVHVQKWDGKSTTIKRKREDDKLVVECVMKGVTSRQYERA

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.