

Recombinant Human Fatty Acid Binding Protein 12, His-tagged

Cat. No. FABP12-6786H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FABP12 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	FABP12 belongs to the calycin superfamily and fatty-acid binding protein (FABP) family. The fatty-acid-binding proteins (FABPs) are a family of carrier proteins for fatty acids and other lipophilic substances such as eicosanoids and retinoids. These proteins are thought to facilitate the transfer of fatty acids between extra- and intracellular membranes. FABP12 may play a role in lipid transport
Form	Liquid. In 20mM Tris-HCl buffer (pH 7.5) containing 0.15M NaCl, 10% glycerol
Molecular Weight	18 kDa (164aa), confirmed by MALDI-TOF
Purity	> 90% by SDS -PAGE
Concentration	0.5 mg/ml (determined by Bradford assay)
Sequences of amino acids	MGSSHHHHHSSGLVPRGSH MGS HMIDQLQ GTWKSISCEN SEDYMKELGI GRASRKLGRLL AKPTVTISTD GDVITIKTKSIFKNNEISFK LGEEFEEITP GGHKTKSKVT LDKESLIQVQ DWDGKETTIT RKLVDGKMVV ESTVNSVICTRTYEKVSSNS VSNS

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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.

GENE INFORMATION

Gene Name FABP12 fatty acid binding protein 12 [Homo sapiens]

Official Symbol FABP12

Synonyms FABP12; fatty acid binding protein 12; fatty acid binding protein ORF; intracellular fatty acid-binding protein FABP12; Probable fatty acid-binding protein ENSP00000353650; fatty acid-binding protein; LOC646486; OTTHUMP00000227202

Gene ID 646486

mRNA Refseq NM_001105281

Protein Refseq NP_001098751

UniProt ID A6NFH5

Chromosome Location 8q21.13

Function lipid binding; transporter activity

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