

Product datasheet for **TP310206M**

FABP2 (NM_000134) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human fatty acid binding protein 2, intestinal (FABP2), 100 µg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC210206 protein sequence
Red=Cloning site **Green**=Tags(s)

MAFDSTWKVDRSENYDKFMEKMGVNIKVKRKLAAHDNLKLTITQEGNKFTVKESSAFRNIEVVFELGVTFN
YNLADGTELRGTWSLEGNKLGKFKRTDNGNELNTVREIIGDELVQTYVYEGVEAKRIFKGD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 15.1 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_000125](#)

Locus ID: 2169

UniProt ID: [P12104](#)

RefSeq Size: 2271

Cytogenetics: 4q26



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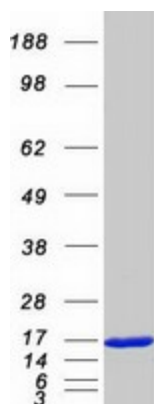
RefSeq ORF: 396

Synonyms: FABPI; I-FABP

Summary: The protein encoded by this gene is an intracellular fatty acid-binding protein that participates in the uptake, intracellular metabolism, and transport of long-chain fatty acids. The encoded protein is also involved in the modulation of cell growth and proliferation. This protein binds saturated long-chain fatty acids with high affinity, and may act as a lipid sensor to maintain energy homeostasis. [provided by RefSeq, Aug 2017]

Protein Pathways: PPAR signaling pathway

Product images:



Coomassie blue staining of purified FABP2 protein (Cat# [TP310206]). The protein was produced from HEK293T cells transfected with FABP2 cDNA clone (Cat# [RC210206]) using MegaTran 2.0 (Cat# [TT210002]).