

FABP1

Recombinant Human Fatty Acid Binding Protein 1

Catalog No.	CRF155A	Quantity:	5 µg
	CRF155B		25 µg
	CRF155C		1.0 mg

Alternate Names: L-FABP, FABPL

Description: Fatty Acid Binding Protein 1 (FABP1) encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP1 and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism.

Gene ID: 2168

Source: *E. coli*

Recombinant Human FABP1 is a single, non-glycosylated polypeptide chain containing 147 amino acids.

Molecular Weight: 16 kDa

Formulation: Sterile filtered liquid containing 20 mM Tris-HCl pH 8

Purity: <95% by RP-HPLC and SDS-PAGE

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MSFSGKYQLQ SQENFEAFMK AIGLPEELIQ
KGKDIKGVSEIVQNGKHFKE TITAGSKVIQ NEFTVGEECE LETMTGEKVK
TVVQLEGDNK LVTTFKNIKSVTELNGDIIT NTMTLGDIVF KRISKRI

Storage & Stability: Store at 2-4°C for 1 month. Should be stored desiccated at -20°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. **Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.**

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