

## 32-13224: FABP1 Mouse, His

**Alternative Name :** Fatty acid-binding protein 1 liver, L-FABP, FABPL, FABP-1, FABP1, Z-protein, Fatty acid-binding protein, liver.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

FABP1 (Fatty acid binding protein1) encodes the fatty acid binding protein found in liver. FABP1 is composed of ten antiparallel  $\beta$  strands that form a barrel with a bigger binding pocket than the other FABPs allowing it to accommodate two fatty acid. This protein binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm; it may be involved in intracellular lipid transport and metabolism.

FABP1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 150 amino acids (1-127 a.a.) and having a molecular mass of 16.6 kDa. The FABP1 is fused to a 23 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2  $\mu$ g / 10  $\mu$ g

**Purification :** Greater than 95.0% as determined by SDS-PAGE.

**Content :** The FABP1 solution (0.25mg/ml) contains PBS (pH7.4), 20% glycerol and 1mM DTT.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMNFGSKY QLQSQENFEP FMKAIGLPED LIQKGDIKG VSEIVHEGKK IKLTITYGPK VVRNEFTLGE ECELETMTGE KVKAVVKLEG DNKMVTTFKG IKSVELNGD TITNTMTLGD IVYKRVSKRI.