

# Mouse FABP1 Recombinant Protein



RPPB3489

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## Product Information    Protein Information

**Product SKU:**

RPPB3489

**Host:**

Escherichia Coli.

**Protein description:**

Fatty Acid Binding Protein-1 Recombinant Mouse produced in E.Coli is a single, non-glycosylated polypeptide chain containing 127 amino acids and having a molecular mass of 14.2kDa. The FABP1 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

Fatty acid-binding protein 1 liver, L-FABP, FABPL, FABP-1, FABP1, Z-protein.

**Formulation:**

Lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

**Purity:**

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized FABP1 in sterile 18MΩ-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized FABP1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FABP1 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

MNFSGKYQLQ SQENFEPFMK AIGLPEDLIQ KGKDIKGVSE IVHEGKKIKL TITYGPKVVR NEFTLGEECE  
LETMTGEKVK AVVKLEGDNK MVTTFKGIKS VTELNGDTIT NTMTLGDIVY KRVSRI.