

Fatty Acid Binding Protein-1 Recombinant Protein | mFABP1 recombinant protein

Recombinant Mouse Fatty Acid Binding Protein-1

CATALOG #
AAA38916

HOST
E Coli

PRODUCT SYNONYMS

Fatty Acid Binding Protein-1; Recombinant Mouse Fatty Acid Binding Protein-1; FABP1 Mouse; Fatty Acid Binding Protein-1 Mouse Recombinant; Fatty acid-binding protein 1 liver; L-FABP; FABPL; FABP-1; FABP1; Z-protein; mFABP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4. Sterile Filtered colorless solution.
Sequence	MNFSGKYQLQ SQENFEPFMK AIGLPEDLIQ KGKDIKGVSE IVHEGKKIKL TITYGPKVVR NEFTLGEECE LETMTGEKVK AVVKLEGDNK MVTTFKGIKS VTELNGDTIT NTMTLGDIVY KRVSRI
Solubility	It is recommended to reconstitute the lyophilized FABP1 in sterile 18M Omega -cm H2O not less than 100 ug/ml, which can then be further diluted to other aqueous solutions.
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for mFABP1 recombinant 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. Introduction: 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.
Product Categories/Family for mFABP1 recombinant protein	Recombinant & Natural Proteins; Recombinant Proteins; FABP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fatty-acid-binding-protein-1-recombinant-protein-e-coli/38916>