

Synonym

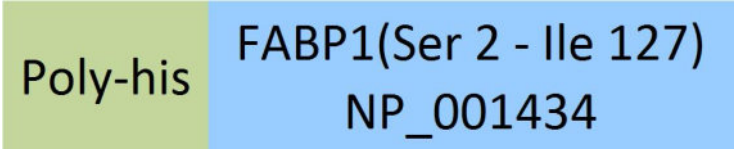
FABP1,FABPL,L-FABP

Source

Human FABP1, His Tag(FA1-H5148) is expressed from E. coli cells. It contains AA Ser 2 - Ile 127 (Accession # [NP_001434](#)).

Predicted N-terminus: Met

Molecular Characterization



This protein carries a polyhistidine tag at the N-terminus.

The protein has a calculated MW of 15.0 kDa. The protein migrates as 15-16 kDa under reducing (R) condition (SDS-PAGE).

Purity

>95% as determined by SDS-PAGE.

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

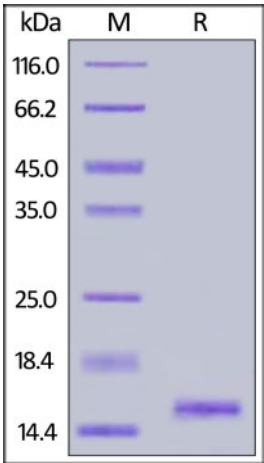
For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE



Human FABP1, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%.

Background

Fatty acid-binding protein 1 (FABP1) is also known as Fatty acid-binding protein, liver (FABPL), Liver-type fatty acid-binding protein (L-FABP). FABP1 / FABPL belongs to the calycin superfamily and Fatty-acid binding protein (FABP) family. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABP1 / L-FABP binds free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm. FABP-1 may be involved in intracellular lipid transport.

Discounts, Gifts,
and more!



Human FABP1 / L-FABP Protein, His Tag

Catalog # FA1-H5148

