

**Product Name: Recombinant Human FABP1 (N-6His)**  
**Catalog #: PEH0614**

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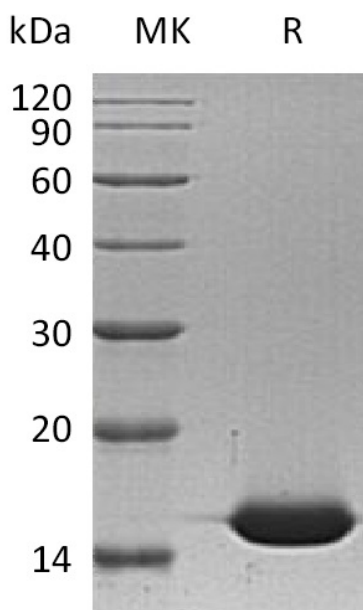


## Summary

<b>Name</b>	FABP1/L-FABP
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Fatty Acid-Binding Protein 1 is produced by our E.coli expression system and the target gene encoding Met1-Ile127 is expressed with a 6His tag at the N-terminus.
<b>Accession #</b>	P07148
<b>Host</b>	E.coli
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	16.37 KDa
<b>Formulation</b>	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 0.5M Argine, 50% Glycerol, 2mM EDTA, pH 7.4.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	

## SDS-PAGE image

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### Alternative Names

Fatty Acid-Binding Protein Liver; Fatty Acid-Binding Protein 1; Liver-Type Fatty Acid-Binding Protein; L-FABP; FABP1; FABPL

### Background

Human Fatty Acid-Binding Protein 1 (FABP1) is a cytoplasm protein, which 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. FABP1 forms a beta-barrel structure that accommodates hydrophobic ligands in its interior. FABP1 can bind free fatty acids and their coenzyme A derivatives, bilirubin, and some other small molecules in the cytoplasm, so it can be involved in intracellular lipid transport.

### Note

For Research Use Only , Not for Diagnostic Use.