

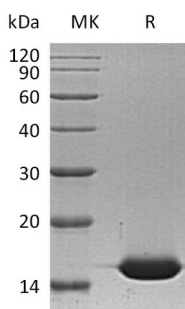
**Product Name: Recombinant Human FABP1 (N-6His)**  
**Catalog #: PEH0614**



## 概述 (Summary)

|                             |                                                                                                                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 英文全称                        | FABP1/L-FABP                                                                                                                                                                        |
| 纯度 (Purity)                 | Greater than 95% as determined by reducing SDS-PAGE                                                                                                                                 |
| 内毒素 (Endotoxin level)       | <1 EU/μg as determined by LAL test.                                                                                                                                                 |
| 蛋白构建 (Construction)         | 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. |
| Accession #                 | P07148                                                                                                                                                                              |
| 蛋白标签 (Tag)                  |                                                                                                                                                                                     |
| 表达宿主 (Host)                 | E.coli                                                                                                                                                                              |
| 种属 (Species)                | Human                                                                                                                                                                               |
| 预测分子量 (Predicted MW)        | 16.37 KDa                                                                                                                                                                           |
| 蛋白形态 (Form)                 | Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 0.5M Argine, 50% Glycerol, 2mM EDTA, pH 7.4.                                                                         |
| 储存缓冲液 (Buffer)              |                                                                                                                                                                                     |
| 运输方式 (Shipping)             | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.                                                                  |
| 稳定性&储存 (Stability &Storage) | 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.                |
| 复溶 (Reconstitution)         |                                                                                                                                                                                     |

## 电泳图 (SDS-PAGE image)



## 背景 (Background)

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**分子别名 (Alternative Names)**

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

**背景介绍 (References)**

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.

**注意事项 (Note)**

For Research Use Only , Not for Diagnostic Use.