

## Recombinant Human FABP4 protein, His-tagged

**Cat. No.** FABP4-7665H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human FABP4 protein(P15090)(2-132aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 2-132aa                                                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 20.6 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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|                    |                                                                                                                                                  |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>AA Sequence</b> | CDAFVG TWKLVSSEN FDDYMKEVGVGFATR KVAGMAKPNMIISVNGDVITIKSESTF<br>KNTEISFILGQEFDEVTADDRKVKSTITLDGGVLVHVQKWWDGKSTTIKRKREDDKLVV<br>ECVMKGV TSTRVYERA |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|

## GENE INFORMATION

|                  |                                                                |
|------------------|----------------------------------------------------------------|
| <b>Gene Name</b> | FABP4 fatty acid binding protein 4, adipocyte [ Homo sapiens ] |
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|                        |       |
|------------------------|-------|
| <b>Official Symbol</b> | FABP4 |
|------------------------|-------|

|                 |                                                                                                                                                                                                                                    |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | FABP4; fatty acid binding protein 4, adipocyte; fatty acid-binding protein, adipocyte; A FABP; aP2; fatty acid-binding protein 4; adipocyte lipid-binding protein; adipocyte-type fatty acid-binding protein; ALBP; AFABP; A-FABP; |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                |      |
|----------------|------|
| <b>Gene ID</b> | 2167 |
|----------------|------|

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|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_001442 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_001433 |
|-----------------------|-----------|

|            |        |
|------------|--------|
| <b>MIM</b> | 600434 |
|------------|--------|

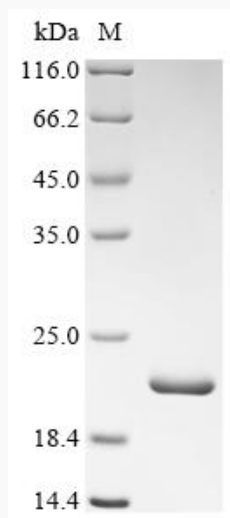
|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | P15090 |
|-------------------|--------|

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SDS-PAGE



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