

# Product datasheet for AR03035PU-L

# FABP4 (1-132) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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| Product Type:                            | Recombinant Proteins   |
| Description:                             | FABP4 (1-132) human recombinant protein, 0.5 mg  |
| Species:                                 | Human  |
| Expression Host:                         | E. coli  |
| Expression cDNA Clone<br>or AA Sequence: | MCDAFVGTWK LVSSENFDDY MKEVGVGFAT RKVAGMAKPN MIISVNGDVI TIKSESTFKN<br>TEISFILGQE FDEVTADDRK VKSTITLDGG VLVHVQKWDG KSTTIKRKRE DDKLVVECVM<br>KGVTSTRVYE RA  |
| Predicted MW:                            | 14.7 kDa (132aa) confirmed by MALDI-TOF  |
| Concentration:                           | lot specific   |
| Purity:                                  | >95% > 95% by SDS-PAGE   |
| Buffer:                                  | Presentation State: Purified<br>State: Liquid<br>Buffer System: 20 mM Tris pH 7.5, 2 mM EDTA, 10% glycerol   |
| Preparation:                             | Liquid   |
| Protein Description:                     | Recombinant Human FABP4 (Fatty acid binding protein 4), 1-132aa  |
| Note:                                    | NCBI Accession No.: NP_001433  |
| Storage:                                 | Store upon receipt (in aliquots) at -20 °C. Avoid freeze/thaw cycle.   |
| Stability:                               | Shelf life: one year from despatch.  |
| RefSeq:                                  | <u>NP 001433</u>   |
| Locus ID:                                | 2167   |
| UniProt ID:                              | <u>P15090</u>  |
| Cytogenetics:                            | 8q21.13  |
| Synonyms:                                | A-FABP, Adipocyte lipid-binding protein, Fatty acid-binding protein 4  |
| Summary:                                 | FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins<br>are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids<br>and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake,<br>transport, and metabolism. [provided by RefSeq, Jul 2008] |



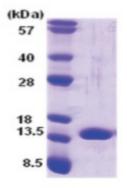
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# SABP4 (1-132) Human Protein – AR03035PU-L

Protein Families: Druggable Genome

Protein Pathways: PPAR signaling pathway

### **Product images:**



15% SDS-PAGE(3 µg)

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