

# Recombinant Human FABP2

Catalog No: #GP10410



Package Size: #GP10410-1 100ug

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## Description

|                       |  |
|-----------------------|--|
| Product Name          | Recombinant Human FABP2                  |
| Brief Description     | Recombinant Protein                      |
| Immunogen Description | Full length fusion protein               |
| Target Name           | fatty acid binding protein 2, intestinal |
| Other Names           | FABPI; I-FABP                            |
| Accession No.         | Swissprot:P12104Gene Accession:BC069466  |
| Uniprot               | P12104                                   |
| GeneID                | 2169;                                    |
| Storage               | -20~-80°C, pH 7.6 PBS                    |

## Background

The intracellular fatty acid-binding proteins (FABPs) belong to a multigene family with nearly twenty identified members. FABPs are divided into at least three distinct types, namely the hepatic-, intestinal- and cardiac-type. They form 14-15 kDa proteins and are thought to participate in the uptake, intracellular metabolism and/or transport of long-chain fatty acids. They may also be responsible in the modulation of cell growth and proliferation. Intestinal fatty acid-binding protein 2 gene contains four exons and is an abundant cytosolic protein in small intestine epithelial cells. This gene has a polymorphism at codon 54 that identified an alanine-encoding allele and a threonine-encoding allele. Thr-54 protein is associated with increased fat oxidation and insulin resistance.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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