

# Recombinant Full Length Human FABP2 Protein, GST-tagged

**Cat. No.** FABP2-4421HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FABP2 full-length ORF (1 a.a. - 72 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	72 amino acids
<b>Description</b>	The protein encoded by this gene is an intracellular fatty acid-binding protein that participates in the uptake, intracellular metabolism, and transport of long-chain fatty acids. The encoded protein is also involved in the modulation of cell growth and proliferation. This protein binds saturated long-chain fatty acids with high affinity, and may act as a lipid sensor to maintain energy homeostasis. [provided by RefSeq, Aug 2017]
<b>Molecular Mass</b>	34.32 kDa
<b>AA Sequence</b>	MAFDSTWKVDRSENYDKFMEKMGVNIVKRKLAHDNLKLTITQEGINSQSKNQALF ETLKLFLNLVSPLITT
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	FABP2 fatty acid binding protein 2, intestinal [ Homo sapiens ]
<b>Official Symbol</b>	FABP2
<b>Synonyms</b>	FABP2; fatty acid binding protein 2, intestinal; fatty acid-binding protein, intestinal; I FABP; fatty acid-binding protein 2; intestinal-type fatty acid-binding protein; FABPI; I-FABP; MGC133132;
<b>Gene ID</b>	2169
<b>mRNA Refseq</b>	NM_000134
<b>Protein Refseq</b>	NP_000125
<b>MIM</b>	134640
<b>UniProt ID</b>	P12104

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