Recombinant Full Length Human FABP2 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human FABP2 full-length ORF (1 a.a. - 72 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	72 amino acids
Description	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]
Molecular Mass	34.32 kDa
AA Sequence	MAFDSTWKVDRSENYDKFMEKMGVNIVKRKLAAHDNLKLTITQEGINSQSKNQALF ETLKLFLNLVSPLITT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

GENE INFORMATION

Gene Name	FABP2 fatty acid binding protein 2, intestinal [Homo sapiens]
Official Symbol	FABP2
Synonyms	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;
Gene ID	2169
mRNA Refseq	NM_000134
Protein Refseq	NP_000125
MIM	134640
UniProt ID	P12104

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