

# Recombinant Full Length Human FABP4 Protein, GST-tagged

**Cat. No.** FABP4-4423HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human FABP4 full-length ORF ( AAH03672, 1 a.a. - 132 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>	132 amino acids
<b>Description</b>	FABP4 encodes the fatty acid binding protein found in adipocytes. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Jul 2008]
<b>Molecular Mass</b>	40.26 kDa
<b>AA Sequence</b>	MCDAFVGTWKLVSSENFDDYMKEVGVGFATRQVAGMAKPNMIISVNGDVITIKSEST FKNTEISFILGQEFDEVTADDRKVKSTITLDGGVLVHVQKWGDKSTTIKRKREDDKLV VECVMKGVTSTRVYERA
<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>	FABP4 fatty acid binding protein 4, adipocyte [ Homo sapiens ]
<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
<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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