

## Native Human FABP3 protein

**Cat. No.** FABP3-27801TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Native Human FABP3 was purified in Human Heart.
<b>Species</b>	Human
<b>Source</b>	Human Heart
<b>Description</b>	<p>The intracellular fatty acid-binding proteins (FABPs) belongs to a multigene family. 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. Fatty acid-binding protein 3 gene contains four exons and its function is to arrest growth of mammary epithelial cells. This gene is a candidate tumor suppressor gene for human breast cancer.</p>
<b>Form</b>	Lyophilized from 0.02 M ammonium bicarbonate
<b>Molecular Mass</b>	~14,700
<b>Purity</b>	> 98% (SDS-PAGE)
<b>Storage</b>	2-8 centigrade. Protect from moisture.
<b>Reconstitution</b>	Reconstitute using Phosphate buffer saline.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

<b>Gene Name</b>	FABP3 fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) [ Homo sapiens ]
<b>Official Symbol</b>	FABP3
<b>Synonyms</b>	FABP3; fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor); FABP11, fatty acid binding protein 11 , MDGI; fatty acid-binding protein, heart; H FABP; O FABP; fatty acid binding protein 11; mammary-derived growth inhibitor; muscle fatty acid-binding protein; Fatty acid-binding protein 3, muscle; heart-type fatty acid-binding protein; MDGI; FABP11; H-FABP; M-FABP; O-FABP;
<b>Gene ID</b>	2170
<b>mRNA Refseq</b>	NM_004102
<b>Protein Refseq</b>	NP_004093
<b>MIM</b>	134651
<b>UniProt ID</b>	P05413
<b>Chromosome Location</b>	1p33-p32
<b>Pathway</b>	PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem;
<b>Function</b>	cytoskeletal protein binding; fatty acid binding; icosatetraenoic acid binding; lipid binding; long-chain fatty acid transporter activity; transporter activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA