

Native Human FABP3 protein

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

SPECIFICATION

Product Overview	Native Human FABP3 was purified in Human Heart.
Species	Human
Source	Human Heart
Description	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.
Form	Lyophilized from 0.02 M ammonium bicarbonate
Molecular Mass	~14,700
Purity	> 98% (SDS-PAGE)
Storage	2-8 centigrade. Protect from moisture.
Reconstitution	Reconstitute using Phosphate buffer saline.

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GENE INFORMATION

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

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