

Recombinant Human FABP3 Protein, His-tagged

Cat. No. FABP3-3633H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FABP3 (NP_004093.1, 1 a.a. - 133 a.a.) full length recombinant protein with His-Flag tag at C-terminal expressed in HEK293 cells.
Species	Human
Source	HEK293
ProteinLength	1-133 a.a.
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. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]
Form	Liquid
Molecular Mass	18.9 kDa
Endotoxin	< 1.0 EU/μg as determined by the LAL method

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Purity	> 90% as determined by SEC-HPLC
Applications	SDS-PAGE
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	In 20 mM Phosphate, 150 mM NaCl, pH 7.8 (10% Glycerol)
Full Length	Full L.

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

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UniProt ID

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