

Recombinant Human FABP3 Protein, GST-tagged

Cat. No. FABP3-3634H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FABP3 full-length ORF (AAH07021, 1 a.a. - 133 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]
Molecular Mass	40.37 kDa
AA Sequence	MVDAFLGTWKLVD SKNFDDYMKSLGVGFATRQVASMTKPTTIEKNGDILTRTHST FKNTEISFKLGVEFDETTADDRKVKSI VTL DGGKLVHLQKWDGQETTLVRELIDGKLIL TLTHGTAVCTRTRYEKEA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
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	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

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