

# Recombinant Human FABP3 Protein, MYC/DDK-tagged, C13 and N15-labeled

**Cat. No.** FABP3-039H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FABP3 MS Standard C13 and N15-labeled recombinant protein (NP_004093) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	14.9 kDa
<b>AA Sequence</b>	MVDAFLGTWKLVDKSNFDDYMKSLGVGFATRQVASMTKPTTIEKNGDILTLKTHST FKNTEISFKLGVFEDETTADDRKVKISIVTLDDGGKLVHLQKWDGQETTLVRELIDGKLLIL TLTHGTAVCTRTRYEKEATRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 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

<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

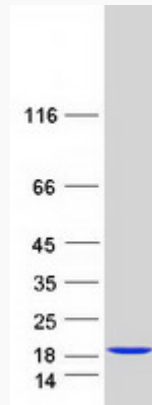
<b>Gene Name</b>	FABP3 fatty acid binding protein 3 [ Homo sapiens (human) ]
<b>Official Symbol</b>	FABP3
<b>Synonyms</b>	FABP3; fatty acid binding protein 3; FABP11; H-FABP; M-FABP; MDGI; O-FABP; fatty acid-binding protein, heart; epididymis secretory sperm binding protein; fatty acid binding protein 11; fatty acid binding protein 3, muscle and heart; heart-type fatty acid-binding protein; mammary-derived growth inhibitor; muscle fatty acid-binding protein
<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

 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

**SDS-PAGE**



 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