

Product datasheet for **TP302737L**

FABP3 (NM_004102) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) (FABP3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202737 protein sequence Red =Cloning site Green =Tags(s) MVDAFLGTWKLVDSKNFDDYMKSLGVGFATRQVASMTKPTTIIKNGDILTLLKTHSTFKNTEISFKLGVE FDETTADDRKVKSIPTLDGGKLVHLQKWGDQETTLVRELIDGKLILTLHGTAVCTRTRYEKEA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	14.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_004093
Locus ID:	2170
UniProt ID:	P05413 , A0A384MDY5
RefSeq Size:	1097



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Cytogenetics: 1p35.2

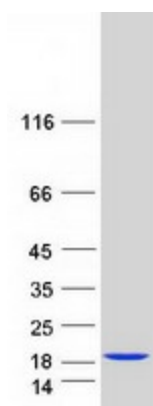
RefSeq ORF: 399

Synonyms: FABP11; H-FABP; M-FABP; MDGI; O-FABP

Summary: 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]

Protein Pathways: PPAR signaling pathway

Product images:



Coomassie blue staining of purified FABP3 protein (Cat# [TP302737]). The protein was produced from HEK293T cells transfected with FABP3 cDNA clone (Cat# [RC202737]) using MegaTran 2.0 (Cat# [TT210002]).