

Product datasheet for TP790065

FABP3 (NM_004102) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) (FABP3), with N-terminal HIS tag, expressed in HEK293, 50ug
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC202737, encoding human full-length FABP3
Tag:	N-His
Predicted MW:	14.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 90% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	PBS, pH 7.4, 10% glycerol
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:	<u>NP 004093</u>
Locus ID:	2170
UniProt ID:	<u>P05413</u>
RefSeq Size:	1097
Cytogenetics:	1p35.2
RefSeq ORF:	399
Synonyms:	FABP11; H-FABP; M-FABP; MDGI; O-FABP



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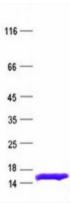
OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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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:



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