

Native Human FABP3

Cat. No. FABP3-42H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FABP3 was purified from Human Heart.
Species	Human
Source	Human Heart
Description	Human Fatty Acid Binding Proteins are tissue specific intracellular molecules. They are a class of cytoplasmic proteins that bind long chain fatty acid and play an important role in the intracellular utilization of fatty acids. In Acute Myocardial Infarction (AMI), FABP is rapidly released from damaged cardiomyocytes into the circulation due to its small size.
Form	Lyophilized from 0.02 M ammonium bicarbonate
Molecular Mass	~14,700
Purity	> 96% (SDS-PAGE)
Applications	Diagnostic Controls, Calibrators & Standards; Testing/Assay Validation; Life Science; Cardiac Markers; Manufacturing
Storage	2-8 centigrade
Reconstitution	Phosphate buffer with 150 mM sodium chloride.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	FABP3 fatty acid binding protein 3, muscle and heart [Homo sapiens]
Official Symbol	FABP3
Synonyms	MDGI; FABP11; H-FABP; M-FABP; O-FABP; fatty acid-binding protein, heart; Fatty acid-binding protein 3, muscle; fatty acid binding protein 11; heart-type fatty acid-binding protein; mammary-derived growth inhibitor; muscle fatty acid-binding protein; H-FABP, FABP, human FABP, Fatty acid binding protein 3
Gene ID	2170
mRNA Refseq	NM_004102
Protein Refseq	NP_004093
MIM	134651
UniProt ID	P05413
Chromosome Location	1p33-p32
Pathway	Hormone-sensitive lipase (HSL)-mediated triacylglycerol hydrolysis, organism-specific biosystem; Metabolism, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem
Function	cytoskeletal protein binding; long-chain fatty acid binding; long-chain fatty acid transporter activity

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