

Recombinant Human Fatty Acid Binding Protein (Muscle And Heart)

Cat. No. FABP3-2714H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human FABP3 is expressed in <i>Pichia pastoris</i> .
Species	Human
Source	P.pastoris
Description	Fatty acid binding protein is one of a group of lowmolecular weight proteins involved in the solubilization and transport of fatty acids. The release of cytoplasmic heart fatty acid-binding protein (H-FABP) into the plasma of cardiac patients is used as a marker of cardiac damage. In 18 out of 22 patients with established AMI the plasma FABP level was at or above the threshold level in blood-samples taken within 3.5 hours after the first onset of symptoms of AMI, which compares very favourably with more established markers such as CKMB.
Product Presentation	Single homogenous batch supplied lyophilised from 0.02M NH ₄ HCO ₃ . May contain traces of buffer salts.
Starting Material	Expressed in <i>Pichia pastoris</i> .
Purity	Nominally greater than 96% of the protein is FABP3.
Reconstitution	Use of phosphate buffer containing 0.15M NaCl is recommended.
Storage	Store at 2-8°C (short term). Store <-15°C (long term).

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GENE INFORMATION

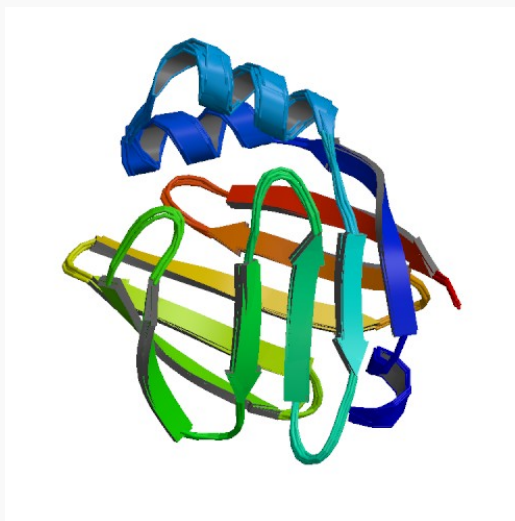
Gene Name	FABP3 fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor) [Homo sapiens]
Synonyms	FABP3; FABP11; H-FABP; MDGI; O-FABP; fatty acid binding protein 3; OTTHUMP00000003898; fatty acid binding protein 11; mammary-derived growth inhibitor; Fatty acid-binding protein 3, muscle; Heart-type fatty acid-binding protein; Mammary-derived growth inhibitor; Muscle fatty acid-binding protein; fatty acid binding protein 3, muscle and heart (mammary-derived growth inhibitor)
Gene ID	2170
mRNA Refseq	NM_004102
Protein Refseq	NP_004093
MIM	134651
UniProt ID	P05413
Chromosome Location	1p33-p32
Function	lipid binding; transporter activity

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PDB rendering based
on 1g5w.



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