

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	<i>P.pastoris</i>
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).

 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 (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

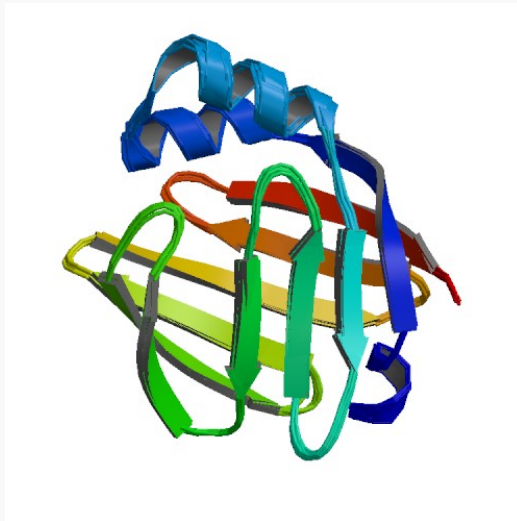
Function lipid binding; transporter activity

 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

PDB rendering based
on 1g5w.



 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