

# Product datasheet for TP720116L

# 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 (mammaryderived growth inhibitor) (FABP3) Species: Human **Expression Host:** E. coli **Expression cDNA Clone** Val2-Ala133 or AA Sequence: N-His Tag: Predicted MW: 17 kDa **Concentration:** lot specific **Purity:** >95% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** Lyophilized from a 0.2 um filtered solution of PBS, PH6.5. Endotoxin: < 0.1 EU per µg protein as determined by LAL test **Reconstitution Method:** Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Storage: Lyophilized protein should be stored at $< -20^{\circ}$ C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliguots of reconstituted samples are stable at < -20°C for 3 months. Stability: Stable for at least 6 months from date of receipt under proper storage and handling conditions. **RefSeq:** NP 004093 2170 Locus ID: **UniProt ID:** P05413 Cytogenetics: 1p35.2 Synonyms: FABP11; H-FABP; M-FABP; MDGI; O-FABP



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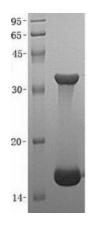
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## **GRIGENE** FABP3 (NM\_004102) Human Recombinant Protein – TP720116L

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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