

Product datasheet for TP720116XL

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 Val2-Ala133 **Expression cDNA Clone** 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:** Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl 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: Store at -80°C. Stable for at least 6 months from date of receipt under proper storage and handling Stability: conditions. NP 004093 RefSeq: Locus ID: 2170 **UniProt ID:** P05413, A0A384MDY5 Cytogenetics: 1p35.2 Synonyms: FABP11; H-FABP; M-FABP; MDGI; O-FABP



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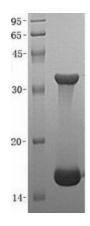
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SABP3 (NM_004102) Human Recombinant Protein – TP720116XL

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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