Product datasheet for AR09182PU-N

FABP3 (1-133, His-tag) Human Protein

Product data:

Product Type: Recombinant Proteins
Description: FABP3 (1-133, His-tag) human recombinant protein, 0.1 mg
Species: Human
Expression Host: E. coli
Tag: His-tag
Predicted MW: 19.1 kDa
Concentration: Lot specific
Purity: >95% by SDS - PAGE
Buffer: Presentation State: Purified
State: Liquid purified protein
Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Endotoxin: < 1.0 EU per 1 µg of protein (determined by LAL method)
Preparation: Liquid purified protein
Protein Description: Recombinant FABP3 protein was expressed in E.coli and purified by using conventional chromatography techniques.
Storage: Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability: Shelf life: one year from despatch.
RefSeq: NP_001307925
Locus ID: 2170
Cytogenetics: 1p35.2
Synonyms: FABP11; H-FABP; M-FABP; MDGI; O-FABP
Summary:
The intracellular fatty acid-binding proteins (FABPs) belong 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: