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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
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMVD AFLGTWKLVD SKNFDDYMKS LGVGFATRQV ASMTKPTTII EKNGDILTLK THSTFKNTEI SFKLGVEFDE TTADDRKVKS IVTLDGGKLV HLQKWDGQET TLVRELIDGK LILTLTHGTA VCTRTYEKEA
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

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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: