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Product datasheet for SC202335

Fatty Acid Binding Protein 5 (FABP5) (NM_001444) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Fatty Acid Binding Protein 5 (FABP5) (NM_001444) Human 3' UTR Clone
Symbol:	Fatty Acid Binding Protein 5
Synonyms:	E-FABP; EFABP; KFABP; PA-FABP; PAFABP
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001444
Insert Size:	238 bp
Insert Sequence:	>SC202335 3'UTR clone of NM_001444 The sequence shown below is from the reference sequence of NM_001444. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC TGTACTCGGATCTATGAAAAAGTAGAATAAAAATTCCATCATCACTTTGGACAGGAGTTAATTAAGAGA ATGACCAAGCTCAGTTCAATGAGCAAATCTCCATACTGTTTCTTTCTTTTTTTTTTCATTACTGTGTTC AATTATCTTTATCATAAACATTTTACATGCAGCTATTTCAAAGTGTGTTGGATTAATTAGGATCATCCC TTTGGTTAATAAATAAATGTGTTTGTGCTAA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001444.3

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Summary: This gene encodes the fatty acid binding protein found in epidermal cells, and was first identified as being upregulated in psoriasis tissue. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. FABPs may play roles in fatty acid uptake, transport, and metabolism. Polymorphisms in this gene are associated with type 2 diabetes. The human genome contains many pseudogenes similar to this locus.[provided by RefSeq, Feb 2011]

Locus ID: 2171

MW: 9.7