

## Product datasheet for SC119222

### liver FABP (FABP1) (NM\_001443) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	liver FABP (FABP1) (NM_001443) Human Untagged Clone
Tag:	Tag Free
Symbol:	FABP1
Synonyms:	FABPL; L-FABP
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001443 edited ATGAGTTTCTCCGCAAGTACCAACTGCAGAGCCAGGAAAACCTTTGAAGCCTTCATGAAG GCAATCGGTCTGCCGGAAGAGCTCATCCAGAAGGGGAAGGATATCAAGGGGGTGTCCGAA ATCGTGCAGAATGGGAAGCACTTCAAGTTCACCATCACCGCTGGGTCCAAAGTGATCCAA AACGAATTCACGGTGGGGGAGGAATGTGAGCTGGAGACAATGACAGGGGAGAAAGTCAAG ACAGTGGTTCAGTTGGAAGGTGACAATAAACTGGTACAGCTTTCAAAAACATCAAGTCT GTGACCGAACTCAACGGCGACATAATCACCAATACCATGACATTGGGTGACATTGTCTTC AAGAGAATCAGCAAGAGAATTTAA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001443 unedited GAATTTGTAATACGACTCACTATAGGGCGCCGCAATTCGGCACGAGGGTCAGTCGTGA AGAGGGAGCTCTATTGCCACCATGAGTTTCTCCGCAAGTACCAACTGCAGAGCCAGGAA AACTTTGAAGCCTTCATGAAGGCAATCGGTCTGCCGGAAGAGCTCATCCAGAAGGGGAAG GATATCAAGGGGGTGTCCGAAATCGTGCAGAATGGGAAGCACTTCAAGTTCACCATCACC GCTGGTCCAAAAGTGATCAAAACGAATTCACGGTGGGGGAGGAATGTGAGCTGGAGACA ATGACAGGGGAGAAAGTCAAGACAGTGGTTCAGTTGGAAGGTGACAATAAACTGGTGA GCTTTCAAAAACATCAAGTCTGTGACCGAACTCAACGGCGACATAATCACCAATACCATG ACATTGGGTGACATTGTCTTCAAGAGAATCAGCAAGAGAATTTAAACAAGTCTGCATTTT ATATTATTTAGTGTGTAATAAATGTAATAAAGTGAACCTTTGTTTTAAAAAAAAAAAA AA AAACCTTCCTTTTATTGGGGCCCGGTTATA TTTTTTTTCAAAAAAACCCCGGGGGATTCTTTGACCCCCCCCCAAGGCCTTTCTGG GCCGAAAAATCCCCCTCCGGGCCCCCCCTTTTGCAAAAAATAAAGCGCCCAA TTTGGCCACAAAGGCCTCTTTATAAATATTAGGGGGGAGGGGGTGTTTTTTTAA AAAGGGCCAATTGAAACAACCCCTTGGGCCTCGGGGTTTTTGAACCATCTGAGAGC AAGGGCACTTTTGGCTATGGAATCTCCCTCGGGTAAAAGCATTCTCCGCTACCCCC GAGTGTGGAATCCACCTGCGGAACGCTCCTATTTTT
Restriction Sites:	NotI-NotI



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<b>ACCN:</b>	NM_001443
<b>Insert Size:</b>	700 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>RefSeq:</b>	<u><a href="#">NM_001443.1</a></u> , <u><a href="#">NP_001434.1</a></u>
<b>RefSeq Size:</b>	489 bp
<b>RefSeq ORF:</b>	384 bp
<b>Locus ID:</b>	2168
<b>UniProt ID:</b>	<u><a href="#">P07148</a></u> , <u><a href="#">Q6FGL7</a></u> , <u><a href="#">Q05CP7</a></u>
<b>Domains:</b>	lipocalin
<b>Protein Pathways:</b>	PPAR signaling pathway
<b>Gene Summary:</b>	This gene encodes the fatty acid binding protein found in liver. Fatty acid binding proteins are a family of small, highly conserved, cytoplasmic proteins that bind long-chain fatty acids and other hydrophobic ligands. This protein and FABP6 (the ileal fatty acid binding protein) are also able to bind bile acids. It is thought that FABPs roles include fatty acid uptake, transport, and metabolism. [provided by RefSeq, Mar 2011]