

## Product datasheet for **MC202250**

### **Fabp4 (NM\_024406) Mouse Untagged Clone**

#### **Product data:**

<b>Product Type:</b>	Expression Plasmids
<b>Product Name:</b>	Fabp4 (NM_024406) Mouse Untagged Clone
<b>Tag:</b>	Tag Free
<b>Symbol:</b>	Fabp4
<b>Synonyms:</b>	422/aP2; ALBP/Ap2; Ap2; Lbpl
<b>Mammalian Cell Selection:</b>	Neomycin
<b>Vector:</b>	PCMV6-Kan/Neo (PCMV6KN)
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)
<b>Fully Sequenced ORF:</b>	>BC054426 sequence for NM_024406 TGCAGCCTTTCTCACCTGGAAGACAGCTCCTCCTCGAAGGTTTACAAAATGTGTGATGCCTTTGTGGGAA CCTGGAAGCTTGTCTCCAGTGAAAACCTTCGATGATTACATGAAAGAAGTGGGAGTGGCTTTGCCACAAG GAAAGTGGCAGGCATGGCCAAGCCCAACATGATCATCAGCGTAAATGGGGATTTGGTCACCATCCGGTCA GAGAGTACTTTTTAAAAACACCGAGATTTCTTCAAACCTGGGCGTGGAAATTCGATGAAATCACCGCAGACG ACAGGAAGGTGAAGAGCATCATAACCTAGATGGCGGGCCCTGGTGCAGGTGCAGAAGTGGGATGGAAA GTCGACCACAATAAAGAGAAAACGAGATGGTGACAAGCTGGTGGTGGAAATGTGTTATGAAAGGCGTGACT TCCACAAGAGTTTATGAAAGGGCATGAGCCAAAGGAAGAGGCCTGGATGGAAATTTGCATCAAACACTAC AATAGTCAGTCGGATTTATTGTTTTTTTTTAAAGATATGATTTTCCACTAATAAGCAAGCAATTAATTTT TTCTGAAGATGCATTTTATTGGATATGGTTATGTTGATTAATAAAACCTTTTTAGACTTAAAAAAAAA AAAAA
<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_024406
<b>Insert Size:</b>	399 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>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [BC054426](#), [AAH54426](#)

**RefSeq Size:** 635 bp

**RefSeq ORF:** 399 bp

**Locus ID:** 11770

**UniProt ID:** [P04117](#)

**Cytogenetics:** 3 2.56 cM

**Gene Summary:** Lipid transport protein in adipocytes. Binds both long chain fatty acids and retinoic acid. Delivers long-chain fatty acids and retinoic acid to their cognate receptors in the nucleus. [UniProtKB/Swiss-Prot Function]