

Product datasheet for **MC217416**

Cyp2c40 (NM_010004) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2c40 (NM_010004) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2c40
Synonyms:	A1265721; A1662255
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217416 representing NM_010004
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCAAACGCAAAATATTGATTTGCGAATGCTGTATAAAGTGTCTGGAGTGCCTGATCATACCAAGTGT
 CAGTAAGAAGGGTCTCCATGGATCCATTTGTAGTCTTGGTGCTTTGTCTGTCTTTCTGCTTGCCTGTC
 ATTGTGGAGACAGAGATCTGCAAGAGGGAACCTCCCTCTGGCCCTACTCCTCTCCCAATTATTGAAAT
 TACCACCTGATAGATATGAAGGACATTGGGCAGTGCCTTACCAATTTTTCTAAAACATATGGCCCTGTGT
 TCACTCTGATTTTGGCTCACAGCCTATTGTGGTATTACATGGTTATGAGGCAATTAAGAAGCCCTCAT
 TGACCATGGAGAAGATTCTCTGGAAGAGGAAGGATTCCGGTTTTTGACAAGTTTTCTACAGGAAAGGGC
 ATTTGGTTTTAGCCATGGAATGTATGGAAGCCACAAGGGTCTTCACAGTGAATACCTTGAGGAAGTTGG
 GCATGGGAAAAAGACCATTGAGAACAAAGTCAAGAGGAAGCACAGTGGCTCATGAAGGAACTGAAGAA
 AACAAATGGCTCACCCCTGTGATCCCAATTCATCATAGGATGTGCTCCCTGCAATGTCATCTGCTCCATT
 GTTTTCCAGAATCGTTTCGATTATAAGGATAAGGATTTTCTTAGCTTGATAGGAAAAGTGAATGAATGCA
 CTGAAATTTTGAGCTCTCCTGGGTGTCAGATTTTCAATGCAGTCCCTATTCTTATTGATTATTGTCCAGG
 AAGTCATAATAAACTTTTTAAAAATCATACATGGATTAAGAGCTATCTTTTGGGAAAAATAAAGAACAT
 GAAGAATCATTGGATGTTACAAATCCTCGGGACTTCATTGATTACTTCCTAATCAAAGACGTCAGAAAA
 ATGGCATTGAGCACATGGACTATACCATTGAACACCTGGCAACATTGGTGACTGATCTGGTTTTTGGTGG
 GACAGAGACCTTAAGCTCAACGATGAGATTTGCTCTCCTGCTCTTGATGAAGCACACACATCACAGCT
 AAAGTCCAGGAAGAGATTGACAATGTGATTGGGAGACACCGCAGCCCCTGTATGCAGGACAGGAACCACA
 TGCCTTACACAAATGCCATGGTGCATGAGTCCAGCGGTACATTGACCTTGGCCCAATGGTGTGGTGCA
 TGAAGTAACCTGTGACACTAAGTTTCAGAACTACTTCATCCCAAGGGAACACAGGTAATGACATCACTG
 ACATCAGTGTGATGACAGCACGGAGTTCACCAACCCAGAGGTGTTGACCCTGGCCACTTTCTAGATG
 ACAATGGAAACTTTAAGAAAAGTACTACTTCTGCTCTTCTCAGCAGGAAAACGGATTTGTGTGGGAGA
 GAGCCTTGCCCGCATGGAGCTGTTTCTATTCTGACCACATTTTACAGAATTTCAAACCTGAAACCTCTG
 GTTGATCCAAAGGACATCGATATGACCCCAACATTCTGGATTTTCTAAAATTCCTCCCAATTTCCAGA
 TGTGCTTTATCCCTGTGGATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_010004

Insert Size: 1563 bp

OTI Disclaimer: 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).

Components: 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).

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: [NM_010004.2](#), [NP_034134.2](#)

RefSeq Size: 1811 bp

RefSeq ORF: 1563 bp

Locus ID: 13099

UniProt ID: [P56657](#)

Cytogenetics: 19 C3

Gene Summary: Metabolizes arachidonic acid to produce an unidentified metabolite that coelutes with 16-,17-, and 18-hydroxyeicosatetraenoic acid (HETE).[UniProtKB/Swiss-Prot Function]