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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:	AI265721; AI662255
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCAAACGCAAAATATTGATTTGCGAATGCTGTATAAAGTGTCTGGAGTGCCTGATCATACCAGTGT
CAGTAAGAAGGGTCTCCATGGATCCATTTGTAGTCTTGGTGCTTTGTCTGTCCTTTCTGCTTGTCCTGTC
ATTGTGGAGACAGAGATCTGCAAGAGGGAACCTCCCTCCTGGCCCTACTCCTCTCCCAATTATTGGAAAT
TACCACCTGATAGATATGAAGGACATTGGGCAGTGCCTTACCAATTTTTCTAAAACATATGGCCCTGTGT
TCACTCTGTATTTTGGCTCACAGCCTATTGTGGTATTACATGGTTATGAGGCAATTAAAGAAGCCCTCAT
TGACCATGGAGAAGAGTTCTCTGGAAGAGGAAGGATTCCGGTTTTTGACAAGGTTTCTACAGGAAAGGGC
ATTGGTTTTAGCCATGGAAATGTATGGAAAGCCACAAGGGTCTTCACAGTGAATACCTTGAGGAACTTGG
GCATGGGAAAAAGGACCATTGAGAACAAAGTGCAAGAGGAAGCACAGTGGCTCATGAAGGAACTGAAGAA
AACAAATGGCTCACCCTGTGATCCCCAATTCATCATAGGATGTGCTCCCTGCAATGTCATCTGCTCCATT
GTTTTCCAGAATCGTTTCGATTATAAGGATAAGGATTTTCTTAGCTTGATAGGAAAAGTGAATGAATGCA
CTGAAATTTTGAGCTCTCCTGGGTGTCAGATTTTCAATGCAGTCCCTATTCTTATTGATTATTGTCCAGG
AAGTCATAATAAACTTTTTAAAAATCATACATGGATTAAGAGCTATCTTTTGGGGAAAATAAAAGAACAT
GAAGAATCATTGGATGTTACAAATCCTCGGGACTTCATTGATTACTTCCTAATTCAAAGACGTCAGAAAA
ATGGCATTGAGCACATGGACTATACCATTGAACACCTGGCAACATTGGTGACTGATCTGGTTTTTGGTGG
GACAGAGACCTTAAGCTCAACGATGAGATTTGCTCTCCTGCTCTTGATGAAGCACACACACATCACAGCT
AAAGTCCAGGAAGAGATTGACAATGTGATTGGGAGACACCGCAGCCCCTGTATGCAGGACAGGAACCACA
TGCCTTACACAAATGCCATGGTGCATGAGGTCCAGCGGTACATTGACCTTGGCCCAAATGGTGTGGTGCA
TGAAGTAACCTGTGACACTAAGTTCAGAAACTACTTCATCCCCAAGGGAACACAGGTAATGACATCACTG
ACATCAGTGCTGCATGACAGCACGGAGTTCCCCAACCCAGAGGTGTTTGACCCTGGCCACTTTCTAGATG
ACAATGGAAACTTTAAGAAAAGTGACTACTTCGTGCCTTTCTCAGCAGGAAAACGGATTTGTGTGGGAGA
GAGCCTTGCCCGCATGGAGCTGTTTCTATTCCTGACCACCATTTTACAGAATTTCAAACTGAAACCTCTG
GTTGATCCAAAGGACATCGATATGACCCCCAAACATTCTGGATTTTCTAAAATTCCTCCCAATTTCCAGA
TGTGCTTTATCCCTGTGGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

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).

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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:	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]

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