

Product datasheet for **MC216794**

Cyp2c39 (NM_010003) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Cyp2c39
Synonyms:	CYP11C39
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF: >MC216794 representing NM_010003
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGGC**

ATGGACCTTGTACATTCTAGTGCTCACTCTCTCTTCTCTCATTCTCCTCTCACTATGGAGACAGAGCT
 GTGGCAGAGGGAGCCTCCCTCCTGGCCCCACTCCTTTCCCGATTATTGGTAATTCCTTCAGATAGATAT
 AAAAAACGTACGCAATCCTTAACCAATTTCTCAAAAGCCTATGGCCCTGTGTTCACTCTGTATTGGGC
 TCACGGCCCACTGTTGTATTACATGGGTATGAAGCAGTGAAGGAAGCTCTGATTGATCATGGGGAGGAGT
 TTTCTGATAGAGGAAGCATTCCAATGGTAGAAAAGATTAATAACGGCCTTGGCATTGTTTTAGCAATGG
 AAACAGATGGAAAAGAGATTAGGCGCTTCACACTCACGACCTGCGAAATTTGGGAATGGGAAAAAGGAAC
 ATTGAGGACCGTGTTCAGAGGAAGCACAGTGTCTTGTGGAAGAACTAAGGAAAACCAAGGGCTCACCTT
 GTGACCCACATTCTGAGCTGTGCTCCATGCAATGTCATCTGCTCATTATTTCCAGGATCGTTT
 TGATTATAAGGATAAAGATTTTCTTATGCTCATGGAAAACTAAATGAGAATGTCAAGATTCTGAGCTCC
 CCATGGTTGCAGGTCTGCAATAATTTCCCTTGCTCATTGACTATTGTCCAGGAAGTCATCACAAAGTAC
 TAAAAACGTCAAAATATATTAGAAGTTACCTGTTGGAGAAAATAAAAGAACCAAGAATCACTGGATGT
 TACAAACCTCGTGATTTTATTGATTATTACTTGATTAACAAAAACAGGCAATCACATCCAACAAGCA
 GAATTTTCACTTGAAAACTGGCCTGCATATCAATAACCTCTTTGCTGCAGGGACAGAGACAACAAGCA
 CAACACTGAGATATGCTCTCCTACTCCTGATGAAGTACCCAGATGTCACAGCTAAAGTCCAGGAAGAGAT
 TGACCATGTGATTGGTAGACACCGCAGCCCTGCATGCAGGACAGGAACCATGCCCTATACCGATGCC
 ATGATTCATGAGGTCCAGAGATTCAACCTTGTCCTAACAAACATACCCCGTGCAGTGACTTGTGACA
 TTAATTTAGGAACCTCATCCCAAGGGAACAACAGTAGTAACGTCACTGACATCAGTTCTGCATGA
 CAGCAAGGAGTCCCAAAACCCAGAGTTGTTTGACCCTGGCCACTTTCTAGATGCTAATGGAACTTTAAG
 AAAAGTGACCACTTCATGCCTTTCTCAGCAGGAAAACGTGTTTGTGCTGGAGAGGGCTGGCCCGCATGG
 AGCTGTTTCTATTCTGACCACATTTTACAGAAGTTAACTGAAATCTCTGGTTCACCCAAAAGACAT
 TGATATGATCCATTGTGAATGGATTAATAGCTCTGCCACCCATTACCAGGTCTGCATCATTCTCGC
TAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010003

Insert Size: 1473 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_010003.2, NP_034133.2</u>
RefSeq Size:	1857 bp
RefSeq ORF:	1473 bp
Locus ID:	13098
UniProt ID:	<u>P56656</u>
Cytogenetics:	19 C3
Gene Summary:	Metabolizes arachidonic acid to produce 14,15-cis-epoxyeicosatrienoic acid (EET). [UniProtKB/Swiss-Prot Function]