

Product datasheet for **MC200698**

Cyp2d9 (NM_010006) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Cyp2d9 (NM_010006) Mouse Untagged Clone
Tag: Tag Free
Symbol: Cyp2d9
Synonyms: Cyp2d; P450-2D
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010593 sequence for NM_010006
 TGAGTGTGTTTCATTGGTCTCTGGGAAGCCTGGGCAGTAGTGGGGCAGCCATGGAGCTGCTGACTGGGAC
 TGACCTGTGGCCTGTGGCCATATTCACAGTCATCTTCATATTACTGGTGGACCTGACCCACCAGCGCCAG
 CGCTGGACTTCTCGTTACCCACCAGGCCCTGTGCCATGGCCTGTACTGGGTAACCTTGCTGCAGGTGGACC
 TAGGTAACATGCCATACAGCTTGTACAAGCTTCAAACCCTATGGTGACGTGTTGAGCCTACAGATGGC
 CTGGAAGCCGATGGTGTGATCAATGGACTGAAGGCAATGAAGGAAATGCTGTTGACCTGTGGAGAGGAC
 ACTGCTGACCGCCCTCCAGTGCCATCTTTGAGTACCTGGGTGTGAAGCCTGGATCCCAAGGTGTGGTCC
 TTGCACCTACGGGCCGAGTGGCGAGAGCAGAGGCGATTCTCTGTGTCTACCCTGCGCAACTTTGGCCT
 GGGCAAGAAATCACTGGAGGACTGGGTGACCAAGGAGGCCAATCACCTCTGTGATGCCTTACCGCCCCAG
 GCTGGGCAGCCCATCAATCCCAACCCCATGCTGAACAAATCCACGTGCAATGTGATTGCATCTCTCATT
 TTGCCCGTCGCTTGAATATGAAGACCCTTTCCTCATCAGGATGCTGAAAGTACTGGAACAAAGTTTGAC
 AGAAGTCTCTGGCTTAATTCCTGAGGTTCTTAATGCATTCGCGACTCTTGCGTATCCCAAGGCTGGCT
 GACAAGGCCCTCCAAGGTCAGAAGTCCTTCATCGCCATACTGGATAACCTGTTGACTGAGAATAGGACCA
 CCTGGGACCCTGTCCAAGCACCCGAAATTTGACTGATGCCTTCTGGCAGAGATAGAGAAGGCCAAAGG
 GAATCCTGAGAGCAGCTTCAATGATGAGAACCTGCTCATGGTGGTGCCTGACCTGTTTGGTGCAGGGATG
 CTGACCACCTCAACCACATTGCTCTGGGCCCTGATGCTCATGATCCTGCATCCAGATGTGCAGCGCAGAG
 TCCAACAAGAAATCGATGAGGTCATAGGGCAGGTGAGGCATCCAGAGATGGCAGACCAGGCCACATGCC
 CTACACCAATGCTGTCTTTCATGAGGTGCAGCGCTTTGGGGACATTGTTCCAGTGAATTTGCCACGCATC
 ACAAGTCATGACATTGAAGTGCAGGACTTCTCATCCCCAAGGGGACGATCCTCCTACCCAACATGTCCT
 CCATGCTGAAAGATGAGTCTGTCTGGGAGAAGCCCTCCGCTTCCATCCTGAACACTTCTGGATGCCCA
 GGGCCACTTTGTGAAGCCTGAGGCCTTCATGCCATTCTCAGCAGGCCGCAGATCATGCCTGGGGGAGGCC
 CTGGCCCGCATGGAGCTTTTCTCTTTCACCTGCCTCCTGCAGCGCTTTAGCTTCTCAGTGCCTGATG
 GACAGCCCAGCCAGCAACTCTGGAGTCTATGGTATTCTTGTGGCCCTCTCCCTACCAGCTCTGTGC
 TGTGGTACGAGACCAAGGACACTAATCCAGACATGCTCTGTAGGGCAGTTTCTGCCATGTATAATAAA
 CTAGTCTGTGTCAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI



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ACCN:	NM_010006
Insert Size:	1515 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:	<ol style="list-style-type: none"> 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:	BC010593 , AAH10593
RefSeq Size:	1643 bp
RefSeq ORF:	1515 bp
Locus ID:	13105
UniProt ID:	P11714
Cytogenetics:	15 38.6 cM
Gene Summary:	<p>Cytochromes P450 are a group of heme-thiolate monooxygenases. In liver microsomes, this enzyme is involved in an NADPH-dependent electron transport pathway. It oxidizes a variety of structurally unrelated compounds, including steroids, fatty acids, and xenobiotics.</p> <p>[UniProtKB/Swiss-Prot Function]</p>