

## Product datasheet for **MC201044**

### **Cyp3a11 (NM\_007818) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cyp3a11 (NM_007818) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp3a11
Synonyms:	AI256190; Cyp3a; IIIAm1; Pcn
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC010528 sequence for NM\_007818  
 GAGGGAAGCATTGAGGAGGATCACACACAGTTGTAGGGAGAACACAGAGAAGTAAATTGCTGACAAAC  
 AAGCAGGGATGGACCTGGTTTCAGCTCTCTCACTGGAAACCTGGGTGCTCCTAGCAATCAGCTTGGTGCT  
 CCTCTACCGATATGGGACTCGTAAACATGAACTTTTTAAGAAACAGGGAATTCCTGGGCCAAACCTCTG  
 CCATTTTTAGGCACTGTGCTGAATTATTACAAGGGTTTATGGAATTCGACATGGAGTGTATAAAAAAGT  
 ATGGAAAAACATGGGGTTGTTTGTATGGTCAAACGCCTCTCCTTGCTGTACAGACCCAGAGACGATTAA  
 GAATGTGCTAGTGAAGGAATGTTTTCTGTCTTACAAAACCGGGGATTTGGCCCACTGGGGATAATG  
 AGTAAAGCTATCTCAATATCTAAGGATGATGAATGGAAGAGATATAGAGCTTTGCTGTCCCCACATTCA  
 CAGTGGAAAACTCAAGGAGATGTTCCCTGTGATTGAACAGTATGGAGACATTTTGGTAAAGTACTTGAG  
 GCAGAAGGCAAAGAAAGGCAAGCCTGTTACTATGAAAGATGTGTTAGGTGCTTACAGCATGGATGTGATC  
 ACCAGCACATCATTTGGAGTGAACGTGGATTCCCTCAACAACCCAGAGGATCCTTTTGGGAGAAAGCCA  
 AAAAGCTTTTAAAGATTTGATTTTTTGTATCCTTTGCTCTTCTCAGTAGTACTTTTTCCATTCCTGACACC  
 AGTATATGAGATGTTAAATATCTGCATGTTCCCAAAGGATTCAATAGAATTTTTCAAAAAATTTGTGGAC  
 AGAATGAAGGAAAGCCGCTGGATTCTAAGCAGAAGCACCGAGTGGATTTTCTCAGCTGATGATGAATT  
 CTCATAATAATTCAAAGACAAAGTCTCTATAAAGCCCTTTCTGACATGGAGATCACAGCCAGTCAAT  
 TATCTTTATTTTTGCTGGGTATGAAACCACAGTAGCACACTTTCTTACCCTGCATTCCTTGGCCACT  
 CACCCTGATATCCAGAAAAACTGCAGGATGAGATCGATGAGGCTCTGCCCAACAAGGCACCTCCCACGT  
 ATGATACTGTGATGGAGATGGAATACCTGGATATGGTGCTTAATGAAACCTCAGATTATATCCCATTGC  
 TAATAGACTTGAGAGAGTCTGTAAGAAAGATGTTGAACTCAATGGTGTGTATATCCCAAAGGGTCAACA  
 GTGATGATTCATCTTATGCTCTTACCATGACCCACAGCACTGGTCAGAGCCTGAAGAATTCACACCTG  
 AAAGTTTCAAGGAGAACAAGGGCAGCATTGATCCTTATGTATATCTGCCCTTGGGAATGGACCCAG  
 GAACTGCCCTTGGCATGAGGTTTGTCTCATGAATATGAACTTGTCTCACTAAAAATATGCAGAACTTC  
 TCCTTCCAGCCTTGTAAGGAAACACAGATACCTCTGAAATTAAGCAGACAAGGACTTCTTCAACAGAAA  
 AACCCATTGTTCTAAAGGTTGTGCCACGGGATGCAGTCATAACTGGAGCATGAGTCTCCCTCAAGGAGTT  
 CTTCTGAGTTCTCAGAAAGGCAGTGTCTAAGAACATCGGACATTTTATGTTTCATCATGAGTAAAAATGA  
 GATGAATAAGGGGCTTAATAGATTGGTTTTGATGCCTGGTTAAAGATTCACTGACATCCACTGAACTTTCT  
 CAGTGTCTGTACAAGTTACCATTAATAAAAAAGAGATGAATAAATAGTGACAGCACAGGAAATTTGCC  
 TTCCTGTTCTCATGGGATCATCTCCATCCATATCTCGTTTTCTGCTAATTCCTTTTGGATCTTTC  
 GATAGTAACCACGTTTTTGAATTTGAACAAAAATTTTTGATGAAAAATGTGAGCTTTGTAACAACTCT  
 AGTTGTAGAATTGTTATCAGATGCTTTAGTTGCCATACATTATAATAAATGCTGCACAGAAAATGTAAT  
 AACACTTAGTTAAAAATCCTCAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_007818

**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:**

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:** [BC010528](#), [AAH10528](#)

**RefSeq Size:** 2070 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 13112

**UniProt ID:** [Q64459](#)

**Cytogenetics:** 5 85.17 cM

**Gene Summary:** Catalyzes erythromycin N-demethylation, nifedipine oxidation and testosterone 6 beta-hydroxylation.[UniProtKB/Swiss-Prot Function]