

## Product datasheet for **MC217229**

### **Cyp2d12 (NM\_201360) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cyp2d12 (NM_201360) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2d12
Synonyms:	9030605E09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217229 representing NM\_201360  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAGCTGCTGACTGGGACTGACCTGTGGTCTGTGGCCATATTCACAGTCATCTTCATATTACTGGTGG  
ACCTGATGCACCGCGCCAGAGCTGGACTTCTTGCTACCCACCAGGCCCTGTGCCATGGCCTGTGCTGGG  
TAACCTGCTGCAGGTAGACCTAAATAATATGCCATACAGCTTGTACAAGCTTCAAAAACCGCTATGGTGAC  
GTGTTTAGCTACAGATGGCCTGGAAGCCTATGGTTGTGATCAACAGAATGAAGGCAATGAAGGAAGTGC  
TGTTGACCTGTGGAGAGGACTGCTGACCGCCCTCCAGTGCCCATCTTTGAGCATCTTGGTTTCAAGCC  
CAGATCCCAAGGTATGATCTTTGCACCCTATGGACCTGAGTGGCGAGAGCAGAGGCGATTCTCTTTGTCT  
TCTCTGCGCAATTTTGGCCTGGGCAGGAAATCTCTGGAGGAGTGGGTGATCAAGGAGGCCGCCACCTCT  
GTGATGCCTTCACTACTCAGGCTGGGCAGTACATCAATCCCAACACCATGCTGAAAAAGCTACGTGCAA  
TGTGATTGCATCTCTATTTTTGCCCGTCGCTTTGAATATGAAGACCCCTACCTCATCAGGATGCTGAAA  
GTACTGGAAGATAGTTTGACAGAACTCTCTGGATTAATTCCTGAGGTTATTAACACATCCCGATACTCC  
TGACATCCCAAGGCTGGCTGACAAGTTCTGCAAAGTCAGAAGTCCCTCATCGCCATAGTGGAACCT  
GTTGACTGAAAACAGGACCACTTGGGACCTGCCAGTCACCCCGAAATTTGACTGATGCCTTCTGGCA  
GAGATAGAGAAGGCCAAGGGAAATCCTGAGAGCAGCTTCAATGATGAGAACCTGCGCATGGTGGTAAATAG  
ACCTGTTCACTGCAGGGATTCTGACCACCTCAACCACACTGTCTGGGCCCTGTGCTCATGATCTGCA  
TCCAGATGTGCAGCGCAGAGTCCAACAAGAAATCGATGAGGTGATAGGGCAGGTGAGGCATCCAGAGATG  
GCAGACCAGGCCACATGCCCTACACCAATGCTGTGATGAGGTGATGAGGCTTTGGGGACATTGTTT  
CACTGCAATTTGCCACGCATCACAAGTCGTGACATTGAAGTGCAGGACTTCTCATCCCAAGGGGACGAT  
CCTCCTCCCAACATGTCCTCTGTGCATATGGATGACACTGTCTGGGAGAAGCCCTCCGCTTCCATCCT  
GAACACTTCTGGATGCCAGGGCCACTTTGTGAAGCATGAGGCCTTTATAACATTTTTCAGCAGGCCGCA  
GATCATGCCTGGGGGAGCCCTGGCCGAATGGAGCTTCTCTCTTCTTACCTGCCTCCTGCAGCGCTT  
TAGCTTCTCAGTGCCTGATGGACAGCCCGCCAGTGCACATAGAGTCTTTTCTATTATGGTTGCCCC  
TCCCTACCAGCTCTGTGCTGTGATACGTGAGCAAGGACACTAA

**ACGGT**ACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_201360

**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:** [NM\\_201360.1](#), [NP\\_958748.1](#)

**RefSeq Size:** 1624 bp

**RefSeq ORF:** 1515 bp

**Locus ID:** 380997

**Cytogenetics:** 15 38.64 cM