

## Product datasheet for **MC217108**

### **Cyp3a59 (NM\_001105160) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cyp3a59 (NM_001105160) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp3a59
Synonyms:	ENSMUSG00000061292
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217108 representing NM\_001105160  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAGCTCATCCCCAACCTTTCTATAGAAACCTGGGTGCTGCTGTTACTAGCCTGGTGTCTTCTACA  
TATATGGGACCTATTCTCATGGCTTGTTAAGAACTAGGAATTCCTGGACCAAAACCTCTACCTTTATT  
TGGCACCATTTTCAACTACTTTGATGGCATGTGAAATTTGATGAAGATTGCTATAAAAAGTATGGGAAA  
ATATGGGGTTTTATGTGGGCCAAAGCCTATATTGGCTATCATGGATCCAGAGATCATCAAGATTGTGC  
TGGTGAAGAATGTTACTCAGTCTTACAAACCGTCCGACTCTTGGGCCAGTGGGATTTTGAAAAAGTC  
CATTACCATATCTGAGGATGAAGAATGGAAGAGACTTAGAACCTCCTGTCTCCAACCTTACCAGTGGC  
AAACTCAAGGAGATGTTCCCATCATGAGACAGTATGGAGATATATTGGTGAAGAACTTGAGACGAGAAG  
AAGAGAAAGGGAGCCCATCAACATGAAAGACATCTTTGGAGCTTATAGCATGGATGTGATCACTGGCAC  
ATCATTTGGAGTGAACATCGATTCCCTCAATAATCCACAGAATCCCTTTGTGCAGAAAACCAAGAAGATC  
TTAAAATTTAAAATTTTTGATCCATTTCTGTCTACAATTCTGTTTCCATTTCTACTCCAATATATG  
AGATGTTAAATCTTTCCATTTTCCAAGAGATTCAATGAACCTTTTCAAAAAATTTGAAAAAGGATGAA  
GAAAGAACGCCTTGCTTCAAACAGAAGAACCGAGTGGATTTTCTACAACCTGATGATGAATACTCAGAAC  
TCCAAAGGCCAAGAGTCCAGAAAGCTCTTTCTGATCTAGAAATGGCAGCACAAGCTGTTATTTTTATT  
TCGGGGCTATGATGCCACAAGCACTTCCATTTCCCTCATAATGTATGAACCTGGCCACTCACCTGATGT  
GCAAAAAAACTTCAAGATGAGATTGACAGAATCTGCCCAACAAGGCACCTGTACCTATGATGCCCTG  
ATGGACATGGAGTACCTGGACATGGTGGTGAATGAAAGTCTAAGATTGTACCCAACCTGCTATCAGGCTAG  
AAAGGGTCTCAAAAAAGATGTGAAATCAATGGAGTTCATTCCCAAGGGACCGTAGTCATGATACC  
AATCTATCTCTTCCACCGAAACCCTGAGTACTGGCCAGAGCCTCAAGAATTCTGCCCTGGAAGGTTGAGC  
AAGGAGAACGAGGCAACATTGATCCATATATACATGCCCTTTGAAATGGACCCAGGAACTGCCTAG  
ACATGAGGTTTGCTCTCATCAGCATGAACTTGCTGTCATAGGAGTCTGCAGAACTTCACTGTCCAGCC  
TTGTGAAGAGACACAGATCCCCCTGAAGATCAGCAGGGAACCGTTCCTCAACCGAAAAACCCATCATC  
CTAAAGGTTGTGCAAGAGATAAACCCAGAAGTGCATCATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001105160

**Insert Size:** 1512 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\\_001105160.1](#), [NP\\_001098630.1](#)

**RefSeq Size:** 1999 bp

**RefSeq ORF:** 1512 bp

**Locus ID:** 100041449

**Cytogenetics:** 5