

## Product datasheet for **MC217091**

### Cyp3a57 (NM\_001100180) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp3a57 (NM_001100180) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp3a57
Synonyms:	EG622127
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC217091 representing NM\_001100180  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGAGCTCATCCCCAACCTTTCTATACAAACCTGGGTGCTGCTGTTACTAGCCTGGTGTCTTCTACA  
TATATGGGACCTATTCTCATGGTCTCTTTAAGAACTAGGAATTCCTGGACCAAAACCTCTGCCTTTATT  
TGGCAACATTATCAACTACCTTGATGGCATGTGAAATTTGATGATGATTGCTATAAAAAATATGGAAAA  
ATATGGGGTTTTATGAGGGCCACAGCCTATATTGGCTATCATGGATCCAGAGATCATCAAAATTTGTC  
TGGTGAAGAATGTTACTCAGTCTTACAAACCGTCGGCCTTTTGGGCCAGTGGGATTTTTGAAAAAGTC  
CATTACCATATCTGAGGATGAAGAATGGAAGAGACTTCGAACACTCCTGTCTCCAACCTTACCAGTAGC  
AAACTCAAGGAGATGTTCCCATCATGAGACAGTATGGAGATATTTGGTGAAGAACTTGAGACGAGAAG  
AAGAGAAAGAGGAGCCCATCAACATGAAAGATATCTTTGGAGCTTATAGCATGGATGTGACTGTTGATC  
ATCATGTGGAGTGAACATCGATTCCCTCAATAATCCACAGGATCCCTTTGTGCAGAAAATCAAGAAGATC  
TTAAAATTTAAATTTTTTATGATCCATTTCTTTCTGTAGTTCTGTTTCCATTTCTACTCCAATATATG  
AGATGTTAAATCTTTCCATTTTTCCAAGACAGTCAATGAACCTTTTCAAAAAATTTGAAAAAAGATGAA  
GAAAGATCGCCTTGATTACAACCAGAAGAACCGAGTAGATTTTCTACAACCTGATGATGAATACTCAGAAC  
TCCAAAGGCCAAGAGTCCCTGAAAGCTCTTTCTGATCTAGAAATGGCAGCACAAACTCTTATTTTTATTT  
TCGGGGCTATGATGGCACAAGCACCTCCATTTCTTTCATAATGTATGAACCTGGCCACTCACCTGATGT  
GCAAAAGAAACTTCAGGATGAGATTGACAGAGCTTTGCCAATAAGGCACCTGTACCTATGATGCCCTG  
ATGGACATGGAGTACCTGGACATGGTGGTGAATGAAAGTCTAAGACTGTACCCAGTTGTTAGCAGGATAG  
ACAGGTTCTCAAAAAAGATGTGAAATTCATGGAGTGTATTCCCAAGGGACAATAGTTATGATACC  
AATCTATCTCTTCATCGGGACCCGAGTACTGGCCAGAGCCTGAAGACTTCTGCCCTGAAAGTTTCAGC  
AAGGAGAACAAGGCCAACATTGATCCATATATACATGCCCTTTGGGAATGGACCCAGGAACTGCATAG  
GCATGAGGTTTGCTCTCATCAGCGTGAACTTGCTGTACAGGAGTCTTGCAGAACTTACTGTCCAGCC  
TTGTGAGGAGACACAGATCCCTGTGAAGATCAGCAGGCAACCAATTTCCGACCAGAAAAACCCATCATC  
CTAAAGTTTGTGCAAGAGATAAACCCAGAACTGGACCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_001100180

**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\\_001100180.1](#), [NP\\_001093650.1](#)

**RefSeq Size:** 1589 bp

**RefSeq ORF:** 1512 bp

**Locus ID:** 622127

**Cytogenetics:** 5 G2