

## Product datasheet for **MC217207**

### **Cyp4a29 (NM\_001100183) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cyp4a29 (NM_001100183) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4a29
Synonyms:	Cyp4a29-ps; OTTMUSG00000008612
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217207 representing NM\_001100183  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGAGTATCTCTGCACTGAGCCCCATCAGATTTCTGGAATGTGTCTCTGGATTCTCCAAGTGATCTTCC  
TGATTGGCCTGCTTCTGCTGCTTTTCAAGGCAGCACAACTATCTGCGCAGACAATGGCTGCTCAGAGC  
CCTCTACCAGTTCCCATCACCACCTCCCACTGGCTCTTTGGGCATTGCTTGCAGTTCAAAGTGGATGAG  
GAGCTGAGATGGATTCTAAGATATTTAGAGAAATCCCAGGTGCATTTCTCCACTGGATATGGGGAAGTC  
ATGTCTTCATCAAGGTCTGCGACCCTGACTACATGAAAGTGATTCTGGGAGAGCAGACCCAAAGGCTAG  
CCTCTACCAGTTCTTGACCCCTTGGCTTGGACATGGTTTGTCTTTTGAATGGAGATGAGTGGTTCCAG  
CATCGTCGGTTGTTGACACCAGCATTCCACTATGACATCCTCAAACCTATGTGGGGATCATGGCAGACT  
CTGTACAAGTGATGCTGGAAAAATGGGAGCAGATTGCTTGTCAAGACATCACTCTAGAGATCTTTCACCC  
TATCTCCTTGATGATGTTGGACACCATCATGAAGTATGCCTTCAGTTACCAGGGCAGTGTCCAATTGGAC  
AGGAGTTCTCAGGCCTACCTCCAGGCTGTTAGTGATTTGAACAACCTAGTGACTTCCCGTATGAAGAATG  
TCTTCTCCACAATGACATTATCTACAACCTGACTTCCCATAGCCGAAGGACCAACTCTGCCTGCCAGAT  
TGCCCATGAACACACAGACCGAGTTGTCAAAGTAAAGGAAGGCTCAGCTACAGGACAACAAATCAATGAAG  
AAGCTCAGAGGAAAGAGATGTTTGGATTCTGGACATCCTTCTATTATCCAGAAATGGATGATGGGAGCA  
GCTTGTCTGACAAAGCATTGCGTGTGAGGTAGACTCACTCATGTTTGGGGTTCATGACACACCAGCCAG  
TGGGATCTCTGGGTCTTCTATGCTTTGGCTACACATCCCAGACCAGCAGAGATGCAGAGAAGAGGTC  
CAGAGCCTTCTTGGGGATGGATCCCCATCACATGGGACCACCTGCACCAGATGCCCTATACCACCATGT  
GCATCAAGGAGGCCCTGAGGCTCTACCCACCAATACCATCTGTTGGCAGAAAGCTTAGCACACCTGTCAC  
CTTCCCTGATGGACGTTCCCTTACCTAAAGGTATCACAGTTCTGCTCCACTTTTATGCTCTTACCACAAC  
CCAAAAGTGTGGCCAAATCCAGAGGTGTTTATCCTTCTCGGTTTGAATGAATTCTGTCCAACACAGCC  
ATGCTTCTGCGGTTCTCAGGAGGATCAAGGAACTGCATTGGGAAGCACCTTGCCATGAATGTACTTAA  
GGTCGCTGTGGCCCTAACCTGCTTCGATTTGAGCTGCTGCCAGATCCCTCCAGGGTCCCATCCCTACT  
CAACAACCTCGATTAAAGTCTAAGAATGGGATCTACCTGCATCTCAGGAAGCTCCAATAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001100183

**Insert Size:** 1530 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\\_001100183.1](#), [NP\\_001093653.1](#)

**RefSeq Size:** 1530 bp

**RefSeq ORF:** 1530 bp

**Locus ID:** 230639

**Cytogenetics:** 4 D1