

## Product datasheet for **MC217234**

### **Cyp4a30b (NM\_001100185) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cyp4a30b (NM_001100185) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp4a30b
Synonyms:	Cyp4a30b-ps; OTTMUSG00000008626
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217234 representing NM\_001100185  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAGTATCTTTGAGCTCAGCCATATCACAATGTGTTTGGTATCTTTGGACTCCTCCAAGTGGTCTCTT  
TGCTTGGCTACTGCTGCTGCTGTTAAATCAGCCCAATACTACCTGCACAGGCAATGGCTCATCAAGTC  
CCTCCAGCAGTTCCACCCGACCCCCCCCCCAATGGCTTTTGGGAACACCCTAAAGGACCAGGACCTC  
CAGCAGATACTTTATGTGTAGAAAAATCCCACCTATGTACGGTGGCTCTGGGGAAACCATGCAC  
GTGTCGTGATCTATGACCCTGACTACATGAAGGTGATACTGGGGCGATCAGATCCAAAAGTTGTACGCTC  
CTACAGTTTCTTGTCCCTGGATTGGCTACGGTTTGTCTCTGTTAAATGGGAAGAAATGGTCCAGCAT  
CGGCGAATGTTAACTCCAGCCTCCACTATGATATCCTTAAGCCTTATGTGGGAATCATGGTGGATTCTG  
TCCATGTGATGCTAGACAAATGGGAGCAGCTTGTGGACCAAGATTGCCCTCTGGAGATCTATCAAGACAT  
ATCCTTGATGACCATGGAGACAATGATGAAGTGTGCCTTCAGTTACCAGGGTAGTGTCCAGTTGGAGGAA  
AATTCCAATCCTACATTAAGGCTGTTGAAGATCTGACACACCTGATTTACTTGAGAGTCCGGAATGGCT  
TTCATCAGAATAATACCATCTACAGTCTGTCTCCAATGGCCGCTCATTCTATCATGCCTGTGAGATTGC  
TCATAACACACAGAAAGAGTGATCCGTATGAGGAAGGCTCAGCTGCAGAATGAGGCAGAGCTAGAGAAG  
TTCAGGAAGAAGAAGCGCTTGGATTTCTTGACATCCTCTTGTGCTCAACAGAGGATGGGAAGAGCT  
TGTCTGATGAGGACGTGCGTGCAGAGATGGACACATTCATGTTTGGGGTATAACACCACAGCCAGTGG  
AATCTCCTGGATTTCTATGCTCTGGCCACCCACCCTGAACACCAACAGAGATGCAGAGAGGAGGTGAAG  
AGTATACTGGGTAATGGAACCTCTGTACCTTGAACCCTGGACCAGATGCCCTACACAACCATGTGCA  
TCAAGGAGGCCCTGAGGCTCTATCCACCAATACCAGGTGCGAGCAGAGAGCTCAGCTCACCTGTACCTT  
CCCAGATGGGTGCTCCTTACCCAAAGTTTCTTGGTACTCTCTCCTTTTATGGCCTTACCATAACCCCA  
AGACTGAGGCCAAACGCAGAGGTGTTTACCCTCTAGATTTGCACCAGGTGCCCCCGGCAAACACATG  
CCTTCTACCCTTCTCAGCAGGAACAAGAACTGTATCGGAAACAGTTCACCATGAATGAGCTGAAGGT  
GGCTGTGGCCCTGACCCTGCTCCGATTTGAGCTGCTGCCAGATCCCACCAGGGTCCCAATCCTTGTATCA  
AAAATTGTGCTAAAGTCTAAGAATGGAATCTATCTACACCAAGAAGCTAAAA**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001100185

**Insert Size:** 1527 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\\_001100185.1](#), [NP\\_001093655.1](#)

**RefSeq Size:** 1527 bp

**RefSeq ORF:** 1527 bp

**Locus ID:** 435802

**Cytogenetics:** 4 D1