

Product datasheet for **MC217201**

Cyp2d34 (NM_145474) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2d34 (NM_145474) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2d34
Synonyms:	MGC18824
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217201 representing NM_145474
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGTTGCTGACTGGAAGTGGTTTGTGGTCTGTGGCCATATTCACGGTCATCTTCTGATTCTGGTGG
 ACCTGATGCACCGCGCCAGCACTGGACTTCTCGCTACCCACCAGGCCCTGTGCCATGGCCTGTGCTGGG
 TAACCTGCTGCAGGTGGACCTGGATAACATTCCATACAGCTTGTACAAGCTTCAAAAACCGCTATGGTGAT
 GTGTTCACTGTCAGATGGCCTGGAAGCCCGTGGTTGTGATCAATGGACTAAAGGCGATGCAGGAAGTGC
 TGTGGACCTGTGGCAAGGACACTGCTGACCACCCTCCAGTGCCCATATTTGAGTACCTAGGTTTTAAGAG
 CAAATCCCAAGGTGTGGTCTTGCATCTTACGGGCCCAGTGGCGAGAGCAGAGGCAATTCTCTGTATCC
 ACCCTGCGAAACTTCGGCCTGGCAAGAAATCTCTGGAGGAGTGGTAACCAAGGAGGCCAAACACCTCT
 GTGATGCCTTACCGCCCGGGCTGGGCAGTCCATCAATCCCAACACCATGCTGAACAACGCTGTGTGCAA
 TGTGATTGCATCTCTATTTTTGCCCGTCGCTTTGAATATGAAGACCCTTTCCTCATCAGGATGCTAAAA
 ATGCGGGAAGAAAGTTTGAAGAAGTCACTGGCTTCATTCTGGGGTTCTTAACAGCTTCCCAACTACTCC
 TGCGAATCCCAGGGCTGGCTGACATGGTCTTCCAAAGTCAGAAGACCTTCATGGCCATACTGGATAACCT
 AGTTACTGAGAATAGGACCACCTGGGACCTGACCAGCCACCCCGAAATTTGGCCGATGCCTTCTAGCA
 GAGATACAGAAGGCCAAGGGGAATCCTGAGAGCAGCTTCAATGATGAGAACCTGTGCATGGTGGTGAAGT
 ATCTCTTCACTGCAGGGATGGTGACCACCTCAACCACACTGTCTGTGCCCTGTGCTCATGATCCTGCA
 TCCGGATGTGCAGCGTAGAGTTCAACAGGAAATCGATGCAGTCATAGGGCAGGTGCGGTGCCAGAGATG
 GCAGACCAGGCCCGCATGCCCTACACCAATGCTGTCAATCATGAGGTGCAACGCTTTGGGGACATTATTC
 CATTGAATATACCACGCATCACAAGTCGTGACATTGAAGTCCAGGATTTTCTGATCCCCAAGGGCACGAT
 CCTCATCCCCAACATGTGTCATGCTGAAGGATGAGACTGTCTGGGAAAAGCCCTCCGCTTCTATCCT
 GAACACTTCTGGATGCCAGGGCCACTTTGTGAAGCCTGAGGCCTTCATGCCATTCTCAGCAGGCCGCA
 GATCATGCCTGGGTGAGCCCTGGCCCGAATGGAGCTCTTCTCTTCTTACCTGCCTCCTGCAGCGCTT
 TAGCTTCTCAGTGCCAGCTGGACAGCCCGAGCCAGTACCATAGAATCTTTGCTATTCCAGTTGCCCC
 TACCCTACCAGGTCTGTGCTATAATGCGTGAGCAAGGACACT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_145474

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_145474.2](#), [NP_663449.2](#)

RefSeq Size: 1622 bp

RefSeq ORF: 1515 bp

Locus ID: 223706

Cytogenetics: 15 E1