

Product datasheet for **MC216788**

Cyp2a5 (NM_007812) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2a5 (NM_007812) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2a5
Synonyms:	Coh; Cyp15a2; CYPIIA5
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216788 representing NM_007812
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGACCTCAGGACTCCTCTGGTGGCTGCAGTGGCCTTCCTCAGCGTCTGGTCTTGATGTCTGTCT
 GGAAGCAGAGAAAGCTCTCAGGAAAGCTGCCTCCAGGACCCACCCACTGCCCTTCATTGGGAACCTCCT
 TCAGCTGAACACAGAGCAAATGTACAACCTCTCATGAAGATCAGCCAACGTTATGGTCCTGTATTCAAC
 ATCTACCTGGGACCTCGCCGAATTGTGGTGTGTGCGGACAGGAGGCAGTCAAGGAAGCTCTGGTGGACC
 AAGCTGAGGAATTCAGCGGGCGGGGCGAGCAAGCTACCTTCGACTGGCTTTTCAAAGGCTATGGCGTAGC
 CTTCAGCAGCGGGGAGCGAGCCAAACAGCTAAGGCGCTTCTCCATCGCCACGCTGCGGGACTTCGGCGTG
 GGAAGCGTGGCATCGAGGAGCGCATCCAAGAGGAGGCGGGCTTCTCATCGATTCAATTCGGAAGACGA
 ACGGTGCTTTTATTGACCCACCTTCTACCTTAGCCGAACAGTCTCCAATGTCATTAGCTCAATTGTCTT
 CGGGGACCGCTTTGACTATGAGGACAAAGAGTTCTGTCTACTGCTCGAATGATGCTGGGAAGCTTCCAG
 TCACTGTACTCCATGGGGCAGCTCTATGAGATGTTCTTCTGTGATGAAACACCTGCCAGGGCCCC
 AGCAACAGGCCTTAAGGAGCTGCAGGGCCTGGAGGACTTCATAACCAAGAAAGTGAACACAATCAGCG
 CACGCTGGATCCCAATCCCAAGGGACTTCATCGACTCCTTCTCATCCGAATGCTGGAGGAGAAGAAG
 AACCCCAATACTGAGTTCTACATGAAGAACTTGGTGTGACTACACTAAATCTCTTTTCTGGCACAG
 AGACCGTCAGCACCCCTGCGCTATGGCTTTCTGTTGCTCATGAAGACCCAGATATTGAGGCCAAGGT
 CCATGAGGAGATTGATCGGGTATTGGCAGGAACCGGCAGCCCAAGTATGAGGACCGAATGAAGATGCC
 TATACGGAGGCTGTAATCCATGAGATCCAGAGATTTGCAGACATGATCCCATGGGCCTGGCTCGAAGGG
 TCACCAAGGACACCAAGTTTCGAGATTTCTCTCCCAAGGGTACTGAAGTGTTTCTATGCTGGGCTC
 TGTGCTGAAAGACCCCAAGTTCTTCTCCAACCCCAAGACTTCAACCCAAAGCACTTCTAGATGACAAG
 GGACAGTTTAAGAAGAATGATGCCTTTGTGCCCTTTTCCATTGGAAAACGTTATTGTTTCGGAGAAGGAC
 TGGCTAGGATGGAACCTTCTCTTCTCACAACATCATGCAGAACTTCCACTTCAAATCCACACAGGC
 ACCCCAGGACATCGATGTGTCTCTAGACTCGTGGGCTTGGCCACGATCCACCAACCTACACTATGAGT
 TTCTTGTCCCGT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_007812

Insert Size: 1485 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_007812.4](#), [NP_031838.2](#)

RefSeq Size: 1746 bp

RefSeq ORF: 1485 bp

Locus ID: 13087

Cytogenetics: 7 15.54 cM