

Product datasheet for **MC217041**

Cyp11b1 (NM_001033229) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp11b1 (NM_001033229) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp11b1
Synonyms:	AA389061; CPN1; Cyp11b; Cyp11b-1; FHI
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217041 representing NM_001033229
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACAATGGCTCTCAGGGTGACAACAGATGTGTGGCTGGCAAGACCCTGGCAGTGCCTGCACAGGACAA
 GGGCACTGGGCACACCGCAACTGGCCCAAAGACCCTGCAGCCCTTTGAAGCCATACCACAGTACTC
 CAGGAACAAGTGCTGAAGATGATACAGATCCTGAGGGAGCAGGGCCAAGAAAACCTACACCTGGAGATG
 CATCAGGTCTTCCGGGAGCTGGGGCCATTTTCAGGCACAGTGTAGGGAAAAACACAGATTGTGTTTGTGA
 CGTTGCCGGAGGATGTTGAGAAGCTGTACCAGGTAGAGAGTACGCACCCTTGCCGCATGCCCTTGAATC
 CTGGATAGTCCATAGAGAACTCCGTGGCCTGGGACGTGGTGTGTTCTTGCTAAATGGCCAGAATGGTAC
 TTCAACCGACTGCAGTGAACCCAAATGTTCTGTACCAAAGCCGTTCAAAAATTTGCCCTTGGTGG
 ATGGGATAGCAAGGGACTTTGTGGATAACCTGAAGAAGAAAATGCTGGAAAGTGTCCATGGTAGCTTCTC
 TATGGACTTTTCAGTCCAGTGTGTTCAACTATACCATAGAAGCTAGCCACTTTGTTCTTTTGGGGAGCGG
 CTGGGCCCTCATTGGCCGTGATCTGAGCCCTGACAGCCTGAAGTTCCTCCACACCCTGCACCTCCATGTTCA
 AAACCACCACACAGCTCTTGTACTTGCCCAGGAGCCTGACCCGATGGACAAGCACCAGGGTGTGGAAAGA
 AAACCTTAGAGTCTGGGATTTTACTCTCTGAATATGTCACCAAATGTATCAAGAATGTGTATCGAGAGCTG
 GCAGAGGGTCTCCACAGTCTGGAGTGTACAGCAGAGCTGGTAGTGAGAACTCTGTCAATGGATG
 CCATCCAGGCTAACTCAATGGAACCTATTGCTGGAAGCACTGACACGACATCAACCCCTTGGTAATGAC
 TTTCTTTGAGCTGGCTCGGAACCCAGATGTTTCAGCAGGCCCTGAGGCAGGAGAGCCTGGCAGCTGAGGCC
 AGCATCGCTGCAATCCTCAGAAGGCCATGTGACACCTGCCCTTGCTGAGGGCTGCCCTTAAGAGACCT
 TGAGGCTCTATCCTGTTGGTACTTTTCTGGAGAGAATTCTAAGCTCAGACTTGGTGCTTCAGAACTACCA
 TGTCCTGCTGGGACAGTCCCTCAATGTGAATCTGTATTCCATGGGCCGGAACCCTGCAGTGTCCCAAGG
 CCTGAACGCTATATGCCTCAGCGTGGCTGGAGAGGAAAAGGAGTTTCAAGCACCTGGCCTTTGGCTTTG
 GGGTGCGCCAGTGCCTGGGGAGGCGCCTGGCAGAGGCAGAGATGATGCTCCTGCTTACCATGTGCTGAA
 ATCCTTCCACGTGGAGACACAAGAGAAAGAGGATGTGCGGATGGCCTACCGCTTCGTTTTGATGCCCAGC
 TCCAGTCTCTCCTCACTTTCAGGCCTGTCAAC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001033229
- Insert Size:** 1506 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_001033229.3](#), [NP_001028401.2](#)

RefSeq Size: 2398 bp

RefSeq ORF: 1506 bp

Locus ID: 110115

Cytogenetics: 15 34.29 cM