

Product datasheet for **MC216950**

Cyp11b2 (NM_009991) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp11b2 (NM_009991) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cyp11b2
Synonyms:	Cpn2; Cyp11b; Cyp11b-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC216950 representing NM_009991
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAATGGCTCTCAGGGTGACAGCAGATGTGTGGCTGGCAAGACCCTGGCAGTGCCTGCACAGGACAA
 GGGCACTGGGCACACCGCAACACTGGCCCAAAGACCCTGCAGCCCTTTGAAGCCATACCACAGTACTC
 CAGGAACAAGTGCTGAAGATGATACAGATCCTGAGGGAGCAGGGCCAAGAAAACCTACACCTGGAGATG
 CATCAGGTCTTCCGGGAGCTGGGGCCATTTTCAGGCACAGTGTAGGGAAAAACACAGATCGTATCTGTGA
 TGTTCGGGAGGATGCTGAGAAGTTGCACCAGGTGGAGAGTATGCTCCCCGTCGGATGCACCTGGAGCC
 CTGGGTGGCCACAGAGAACTCCGTGGCCTGAGACGTGGTGTGTTCTTGTAAATGGCCAGAATGGCGT
 CTAACCGACTGCGGCTGAACCGAAATGTGCTGTACCAAAGCCGTTCAAAAATTTGCCCATGGTGG
 ACATGGTAGCAAGGGACTTCTTGGAGACCTTGAAGAGAAAGGTGCTTCAAAATGCTCGTGGGAGCCTTAC
 CATGGATGTCAGCAAAGCCTCTTCAACTACACTATAGAAGCCAGCAACTTTGCTCTTTTGGGGAACGG
 CTAGGCCCTCCTTGCCATGACCTGAGCCCTGGCAGCCTGAAGTTTATCCATGCCCTGCATTCTATGTTCA
 AGTCCACCTCACAGCTCCTGTTCTTACCAAGAGCTTGACTCGCTGGACAAGCACTCGGGTGTGGAAAGA
 ACATTTGATGCCTGGGATGTCATCTCTGAGTATGCCAACAGATGTATCTGGAAGGTGCACCAGGAGCTC
 AGACTCGGCAGCTCTCAGACCTACAGTGGCATTGTGGCGGAACTAATATCTCAGGGATCTTTGCCTCTCG
 ACGCCATCAAAGCGAACTCTATGGAGCTCACCGCTGGGAGCGTTGACACGACAGCAATCCCTTGGTAAT
 GACCCTTTTGGAGCTGGCTCGGAACCCAGATGTTCAGAAGGCCCTGAGGCAGGAGAGCCTGGCAGCTGAG
 GCCAGCATCGCTGCAAACTCTCAGAAGGCCATGTCAGACCTGCCCTTGTGAGGGCTGCCCTTAAGAGA
 CTTGAGGCTCTATCCTGTTGGTGGCTTTTGGAGAGAATTCTAAGCTCAGACTTGGTCTCAGAATA
 CCATGTCCTGCTGGGACATTGGTCTACTTTATCTCTACTCCATGGGCCGAAACCTGCAGTGTTCCTCA
 AGGCCTGAACGCTATATGCCTCAGCGCTGGCTGGAGAGGAAAAGGAGTTTCCAGCACCTAGCCTTTGGCT
 TTGGGGTGCAGTGCCTGGGAGGCGCTGGCAGAGGTGGAGATGATGCTCCTGCTTACCATACTACT
 GAAAACCTTCCAGGTGGAGACACTGAGGCAAGAGGATGTGCAGATGGCCTACCGCTTTGTTTGTGCC
 AGCTCCAGCCCTGCTCACTTTCCGGCCTGTCAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_009991
- Insert Size:** 1509 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_009991.3](#), [NP_034121.3](#)

RefSeq Size: 1625 bp

RefSeq ORF: 1509 bp

Locus ID: 13072

UniProt ID: [P15539](#)

Cytogenetics: 15 34.29 cM

Gene Summary: Forms corticosterone from 11-deoxycorticosterone.[UniProtKB/Swiss-Prot Function]