

Product datasheet for **RN202332**

Cyp11b3 (NM_181824) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp11b3 (NM_181824) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp11b3
Synonyms:	CYPXIB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN202332 representing NM_181824
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCTCTCAGGGTGACAGCAGATGTGTGGCAAGACCCTGGCAGTGCCTGCACAGGACGAGGGCACTGG
 GCAGTACGGCAACACAGGCCCAAGACACTGAAGCCCTTTGAAGCCATACCACAATACTCCAGGAACAA
 GTGGCTGAAGATGATACAGATCCTGAGGGAGCAGAGCCAAGAGAACCTACACCTGGAGATGCACAGGCC
 TTCCAGGAACTAGGGCCCATTTTCAGGCACAGTGCAGGGGAGCAGATTGTGTCTGTGATGCTGCCTG
 AGGACGCTGAGAAGCTGCACAGGTGGAGAGTATCCTCCGCGTCGGATGACGCTGGAGTCGTGGGTGGC
 CCACAGAGAACTCCGTGGCCTGAGACGTGGTGTGTTCTTGCTAAATGGGCAGACTGGCGCTTCAACCGA
 CTGCAGCTGAATCCAAATATGCTGTACCAAAAGCCGTTCAATCTTTGTCCCCTTTGTGGATGTGGTAG
 CAAGGGACTTTGTGAAAACCTGAAGAAGAGAATGCTGGAGAATGTTTCATGGAAGCATGTCTATGGACAT
 TCAGTCCAATGTGTTCAACTATACCATGGAAGCCAGCCATTTTGTATTTCGGAGAGCGACTGGGCCTC
 ACAGGCCATGACCTGAACCTGAGAGCCTGAAGTTCATTCATGCTCTGCACTCAATGTTCAAGTCCACCA
 CACAGCTCATGTTCTTACCCAAGAACTTGACTCGTTGGACAAGCACCCAGGTGTGGAAAGGACACTTTGA
 GTCCTGGGATATCATCTGAGTATGTCACAAAATGTATCAAGAATGTGTATCGCAACTGGCAGAGGGT
 CGCCAACAGTCTGGAGTGTATATCCGAGATGGTAGCACAGAGTACTCTGTCAATGGATGCCATCCATG
 CCAACTCAATGGAACCTATTGCTGGAAGTGTGACACGACAGCAATCTCCTTGGTAATGACCCTTTTTGA
 GCTGGCTCGGAACCCAGATGTTGAGCAGGCCCTGCGGCAGGAGAGCCTGGCAGCTGAGGCCAGCATCGCT
 GCTAATCCCCAGAAGGCCATGTCAGACTTGCCCTTGCTGCGGGCTGCCCTTAAAGAGACCTTGAGGCTCT
 ACCCCATTGGTAGCTCTTTGGAGAGAATCGTAGACTCAGACCTGGTGTTCAGAACTATCATGTCCCTGC
 TGGGACGTTGGTCATAATTTATCTGTACTCCATGGGCCGAAACCCTGCAGTGTTCCCAAGACCTGAGCGC
 TACATGCCTCAGCGCTGGCTGGAGAGGAAAAGGAGTTTCCAGCATCTGGCCTTCGGCTTTGGGGTGCGCC
 AGTGCCTGGGGCGGCGCTGGCAGAGGTGGAGGTGTTGCTCCTGCTTACCATATGCTGAAAATCTTCCA
 AGTCGAGACACTGAGGCAAGAGGATGTGCAGATGGCCTATCGCTTTGTTTGTATGCCCAACCCTAGACTC
 GTCCTCACTATCCGGCTGTGAGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_181824

Insert Size: 1497 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:	<u>NM_181824.1, NP_861545.1</u>
RefSeq Size:	1497 bp
RefSeq ORF:	1497 bp
Locus ID:	353498
Cytogenetics:	7q34
Gene Summary:	member of the cytochrome P450 superfamily of enzymes; monooxygenase enzyme with 11-hydroxylase and 18-hydroxylase activity [RGD, Feb 2006]