

Product datasheet for **RN208558**

Cyp26b1 (NM_181087) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp26b1 (NM_181087) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp26b1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN208558 representing NM_181087
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCTTTGAGGGCTTGGAGTTGGTGTGCGCGCTGGCCACCCTCGCCGCGTGCCTGGTGTCCGTGACGC
 TGCTTCTGGCGGTGTCGCAGCAGCTGTGGCAGCTGCGCTGGGCTGCCACCCGCGACAAGAGCTGCAAGCT
 GCCTATCCCAAGGGCTCCATGGGATCCCGCTCATCGGAGAGACTGGTCACTGGTTGCTACAGGTTCC
 GGCTTCCAGTCGTCGCGCCGAGAAAGTATGGCAACGTTTTCAAGACACACTTACTGGGCGGCCGTTGA
 TCCGTGTGACCGGTGCGGAGAACGTGCGCAAGATCCTACTGGGCGAACCCAGCTAGTGAGCACGGAGTG
 GCCGCGGAGCGCACGCGTGTGCTGGGACCCAACCGGTGGCCAACTCCATTGGCGACATCCACCACAAC
 AAGCGCAAGGTCTTCTCAAGATCTTCAGCCATGAGGCACTCGAGAGCTACCTGCCCAAGATCCAAGTGG
 TGATCCAGGACACACTTCGAGCCTGGAGCAGCCAGCCTGAGGCCATCAATGTGTATCAGGAGGCCAGCG
 ACTCACCTTCCGAATGGCCGTGCGGGTTCTGCTGGGCTTCAGCATCCCCGAGGAGGACCTGGGAAACCTC
 TTTGAGGTGTACCAGCAGTTTGTGGAGAATGTCTTCTCTCGCCGGTGGACCTGCCCTTACGCGGTACC
 GGAGGGGCATCCAAGCTCGCGAGATCCTTCAGAAGGGCCTAGAGAAGGCTGTCCGTGAGAAGCTTCAAGT
 TACCCAGGGCAAAGACTACTCAGACGCCCTGGACATTCTCATTGAGAGCAGCAAGGAGCACGGCAAGGAG
 ATGACCATGCAGGAGCTGAAGGATGGGACCCTGGAGCTGATCTTCGCAGCCTATGCCACTACGGCCAGTG
 CCAGCACATCCTTGATCATGCAACTACTGAAACACCCTGCAGTGTCTGGAAAAGCTACGGGAGGAACTGCG
 GGCCAGGGCCTGCTGCATGGTGGTGGCTGCCCTGCGAGGGCACCTGCGCCTGGACATGCTCAGTGGC
 CTGCGCTACCTGGACTGCGTCATCAAGGAGGTCATGAGGCTCTCACGCCGCTCAGGAGGCTACCGCA
 CTGTGCTGCAGACCTTCGAAGTGGATGGTTTCCAGATCCCCAAGGGCTGGAGTGCATGTATAGCATCCG
 TGACACTCACGACACAGCGCCTGTGTTCAAGGATGTGAATGTGTTTGACCCTGACCGCTTCAGCCAGGCG
 CGCAGTGAGGATAAGGATGGCCGCTTCCATTACCTCCATTTGGCGGTGGTGTGCGGACCTGCCTGGGCA
 AACACTTGGCCAAAGCTGTTCTGAAGGTGCTGGCAGTGGAGCTGGCTAGCACAAGCCGCTTCGAGCTGGC
 CACCCGGACCTTCCCTCGCATCACTCTGGTCCCTGTCTTGACCCCGTGGATGGCCTCAGTGTCAAGTTC
 TTTGGTCTAGACTCCAATCAGAATGAGATTCTGCCTGAGACAGAGGCCATGTTGAGTGTACGGT**GTAG**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII

ACCN: NM_181087

Insert Size: 1539 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_181087.2](#), [NP_851601.1](#)

RefSeq Size: 4552 bp

RefSeq ORF: 1539 bp

Locus ID: 312495

UniProt ID: [G3V7X8](#)

Cytogenetics: 4q34

Gene Summary: human homolog is a monooxygenase that catalyzes the inactivation of all-trans-retinoic acid to hydroxylated forms [RGD, Feb 2006]