

Product datasheet for **RN203566**

Cyp26a1 (NM_130408) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp26a1 (NM_130408) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp26a1
Synonyms:	Cyp26
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN203566 representing NM_130408
 Red=Cloning site Blue=ORF Orange=Stop codon

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCC

ATGGGGCTCCCGCGCTGCTGGCCAGTGTCTCTGCACCTTCGTGCTGCCGCTGCTGCTTCTCTGGCGG
 CGCTCAAGCTCTGGGACCTGTACTGTGTGAGCAGCCGCGATCGCAGCTGCGCTCTCCCTTGCCCCGGG
 TACCATGGGCTTCCCATTCTTTGGGAAACATTGCAGATGGTGTGTCAGCGGAGGAAGTTCTGCAGATG
 AAGCGCAGGAAATACGGCTTCATCTACAAGACGCATCTGTTTGGGCGGCCACGGTGCGAGTGATGGGCG
 CGGATAATGTGCGGCGCATCTTGTGGGGGAGCACCGTTGGTGTGAGTGCAGTGCCTGCTTCCGTGCG
 CACCATCTGGGCGCCGGCTGCCTCTCCAACCTGCATGATTCTCGCACAAGCAGCGAAAGAAGGTGATT
 ATGCGAGCCTTCAACCGAGAGGGCTCCAGTGTACGTGCCAGTATTGCTGAAGAAGTGAGCGGTTGTC
 TGGAGCAGTGGCTAAGCTGCGGGCAGCGCGCCCTCCTGGTCTACCCCGAGGTGAAGCGCCTCATGTTCCG
 CATCGCCATGCGCATCCTGCTGGGCTGCGAGCCGGTCCAGCGGGCGGGGGAAGACGAGCAGCAGCTA
 GTGGAGGCTTTCGAGGAGATGACCCGCAATCTTCTCTCTCCCAATTGACGTGCCCTTTAGCGGGCTGT
 ACCGGGGCGTGAAGGCGCGGAACCTTATCCACGCGCGCATCGAGGAGAACATTCCGGGCAAGATCCGCCG
 GCTTCAGGCCGCAGAGCCGGATGCGGGCTGCAAGGACGCACTGCAGCTCTTGATTGAGCACTCATGGGAG
 AGAGGAGAGAGGCTGGATATGCAGGCACTAAAACAATCGTCCACAGAGCTCCTCTTTGGTGGCCATGAAA
 CTACAGCCAGTGCAGCCACATCACTGATCACCTACCTAGGACTCTACCCACATGTCCTCAAAAAGTTTCG
 AGAAGAGATAAAGAGCAAGGGCTTACTTTGCAAGGCCATCACGAGGACAAGTTAGACATGGAACTTTG
 GAACAGCTCAAAATACATTGGGTGTGTTATTAAGGAGACCCTTCGATTGAATCCTCCGTTCCGGGAGGGT
 TTCGGGTGGCTCTGAAGACTTTTGAGCTGAACGGTTACCAGATTCCCAAGGGGTGGAATGTTATTTACAG
 TATCTGTGACACCCATGACGTGGCAGACAGCTTCACTAACAAGGAGGAGTTAATCCCGACCGATTTACA
 TCGCTTATCCAGAGACACCTCCAGTTTCAGTTTCATTCCATTTGGAGGAGGCCTTCGGAGCTGCGTAG
 GCAAAGAGTTTGCAAAAATCTTCTTAAGATATTTACCGTGGAGCTGGCCAGACGTTGTGACTGGCAGCT
 GCTAAATGGACCTCCTACAATGAAGACAAGCCCCCGTTTACCCTGTGGACAATCTTCTGCAAGATTC
 ACCCACTCCAGGGAGATATCGA

ACGGTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** AscI-MluI
- ACCN:** NM_130408
- Insert Size:** 1494 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_130408.2](#), [NP_569092.2](#)

RefSeq Size: 1754 bp

RefSeq ORF: 1494 bp

Locus ID: 154985

Cytogenetics: 1q53

Gene Summary: member of the cytochrome P450 superfamily of monooxygenase enzymes; this gene encodes an endoplasmic reticulum-specific protein which acts on retinoids, including all-trans-retinoic acid (Ra) [RGD, Feb 2006]