

Product datasheet for **RN205014**

Cyp2b3 (NM_173294) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Cyp2b3 (NM_173294) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Cyp2b3
Synonyms:	Cyp2b6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN205014 representing NM_173294
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATACTAGTGTCTTCTCTCTCTGCTGCTCCTCAGCTTCTTGCTATTCTGGTCAGAGGCCATG
CAAAAGTTCATGGTCATCTTCCACCAGGACCCCGTCCCTTACCCTCTTGGGAAACCTCTTGCAGATGGA
CAGAGGAGGCTTTCTGAAGTCTTTCATTACGTTCAAGAAAAACACGGAGATGTGTTACAGTATACTTT
GGACCTAGGCCTGTGGTCATGCTGTGTGGACACAGACCATAAGGGAGGCTCTGGTGGACCATGCTAGG
CTTTCTCTGGCCGGGGAATAATTGCTGTGCTTACGCCAATTATGCAGGAATACGGTGTGCTCTTTGTAA
TGAAGAAAGGTGGAAGATCCTTCGCGCATTTTGTAGCCACCATGAGAGACTTTGGGATAGGAAAGCAG
AGTGTGGAGGATCAGATAAAGGAGGAGGCCAAATGTTTGTAGTGGAGGAACGAAGAATCATCAGGGAGTCT
CCCTGGACCCAACGTTCTCTTCCAGTGCGTCACAGGCCAACATAATCTGCTCCATTGTCTTTGGAGAGCG
CTTTGACTACAGAGACCGCCAGTCTCTGCGCTGTCTGCACCTGTGTATAGGACCTTTCCCTCATGAAGC
TCACTTCCAGCCAGATGTTTGAGGTCTACTCTGACTTCTGAAGTACTTTCTGGTGTCCACAGAGAAA
TCTACAAAAACCTGAAGGAAGTCTCGACTACATTGATCATAGTGTGGAGAACCACAGGGCCACTTTGGA
CCCCAATGCTCCCCGAGACTTTATCGATACTTTCTTCTGCACATGGAGAAGGAGAAGTTGAACCACTAC
ACGGAGTTCATCATTGGAACCTAATGATATCTGTGCTCTTTCTTTCTTGTGTCGACTGAGTCTACAA
GCAACACTCTCTGCTATGGATTCTGCTCATGCTCAAGTACCCTCATGTTGCAGAGAAAGTCCAAAAGGA
GATTGATCAGGTGATCGGCTCACAGCGGGTCCCAACCTTGATGACCGCTCCAAAATGCCATACACTGAG
GCAGTCATCCATGAGATTTCAGAGATTTTCTGATGTTTCTCAATGGGTTTGCCATGCAGAATCACCAAAG
ACACATTGTTCCGAGGGTACCTGCTCCCCAAGAACACTGAGGTGTACTTCATCCTGAGTTCAGCTCTCCA
TGACCCACAGTACTTTGAACAACCAGACACCTTCAATCCTGAGCACTTCTGGATGCCAATGGGGCACTG
AAGAAATGTGAAGCTTTCATGCCCTTCTCCATAGGAAAGCGTATGTGTCTTGGAGAAGGCATTGCCCGAA
GTGAATTGTTCTTTTCTTCACTACCATCCTCCAGAACTACTCAGTGTCCAGCCCTGTGGATCCTAACAC
CATTTAGTACTGCCAAGGAGAGTGGATTAGCCAAAGTAGCCCCAGTGTACAAGATTTGCTTTGTAGCC
CGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_173294
Insert Size:	1476 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_173294.2, NP_775416.1</u>
RefSeq Size:	1757 bp
RefSeq ORF:	1476 bp
Locus ID:	286953
UniProt ID:	<u>P13107</u>
Cytogenetics:	1q21
Gene Summary:	a monooxygenase that catalyzes reactions involved in drug metabolism and synthesis of cholesterol and steroids [RGD, Feb 2006]