

Product datasheet for **RN213416**

Nr1i2 (NM_052980) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nr1i2 (NM_052980) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nr1i2
Synonyms:	PXR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213416 representing NM_052980
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAGACCTGAGGAGAGGTGGAACCATGTTGGCCTTGTACAACGTGAAGAAGCAGATTCTGTCTTGAAG
AGCCTATCAACGTAGATGAGGAAGATGGAGGTCTTCAAATCTGCCGTGTATGTGGGGACAAGCCAATGG
CTATCACTTCAATGTCATGACCTGTGAAGGATGAAGGGATTTTTTCAGAAGGGCCATGAAACGCAATGTC
CGGCTGAGGTGCCCTTCCGCAAGGGGACCTGCGAGATCACCCGGAAGACCCGACGGCAGTGCCAGGCCT
GCCGTTTTCGCAAGTGCCTGGAGAGTGGCATGAAGAAAGAGATGATCATGTCTGATGCCGCTGTGGAACA
GAGGCGGGCCTTGATCAAGAGGAAGAAGAGGGAAAAGATTGAGGCTCCACCGCTGGAGGGCAGGGGCTG
ACAGAAGAACAGCAGGCCTGATCCAGGAGCTGATGGACGCTCAGATGCAAACCTTTGACACAACCTTCT
CCCCTTCAAGGATTTCCGGCTACCTGCGGTGTTTACAGTGACTGCGAGCTTCCGGAGGTTCTGCAGGC
CTCACTGTTGGAAGACCCTGCCACATGGAGTCAAATCATGAAAGACAGTGTCCAATGAAGATCTCTGTG
CAGCTGCCGGGAGAAGACGGCAGCATCTGGAACCTACCAACCTCCCTCCAAGAGCGACGGGAAAGAGATCA
TCCCCCTCCTGCCGCACCTGGCCGATGTGTCAACCTACATGTTCAAGGGCGTCATCAACTCGCCAAAGT
CATATCCCACTTCAGGGAGCTGCCTATCGAGGACCAGATCTCCCTGCTGAAGGGGGCCACTTTTCGAGATG
TGCATCCTGAGGTTCAACACGATGTTTCGACACGGAAACAGGAACCTGGGAGTGGCGTCCGGCTGGCTTACT
GCTTCGAAGACCCATAATGGCGGCTTCCAGAAGCTCCTGCTGGACCCGTTGATGAAATTCCTGCTGATGCT
GAAGAAGCTACAGCTGCGTGAGGAGGAGTACGTGCTGATGCAGGCCATCTCCCTTCTCCCCAGATCGC
CCTGGCGTGGTACAACGCAGCGTGGTAGACCAGCTGCAGGAGCGATTTGCCCTCACCTGAAGGCCTACA
TCGAGTGTAGTCGGCCCTATCCTGCACACAGTTCCTGTTCTCTGAAGATCATGGCTGTCTCACCGAGCT
GGCAGTATCAATGCCACGACAGCCAGCAGCTACTGCGCATCCAGGACACGCACCCCTTTGCCACACCT
CTCATGCAGGAGTTATTCAGCAGCACGGACGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1280_c02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_052980

Insert Size: 1296 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_052980.2](#), [NP_443212.1](#)
RefSeq Size: 2360 bp
RefSeq ORF: 1296 bp
Locus ID: 84385
UniProt ID: [Q9R1A7](#)
Cytogenetics: 11q21
Gene Summary: involved in the induction of cytochrome P4503A (CYP3A) [RGD, Feb 2006]