

Product datasheet for **SC213812**

PXR (NR1I2) (NM_033013) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PXR (NR1I2) (NM_033013) Human 3' UTR Clone
Symbol:	PXR
Synonyms:	BXR; ONR1; PAR; PAR1; PAR2; PARq; PRR; PXR; SAR; SXR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_033013
Insert Size:	1305 bp



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Insert Sequence:

>SC213812 3'UTR clone of NM_033013

The sequence shown below is from the reference sequence of NM_033013. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CAGGAGTTGTTTCGCATCACAGGTAGCTAGCGGCTGCCCTTGGGTGACACCTCCGAGAGGCAGCCAGA
CCCAGAGCCCTCTGAGCCGCCACTCCCGGGCCAAGACAGATGGACACTGCCAAGAGCCGACAATGCCCT
GCTGGCCTGTCTCCCTAGGGAATTCCTGCTATGACAGCTGGCTAGCATTCTCAGGAAGGACATGGGTG
CCCCCAGGAGTTCAGTCTGTAGGGAGTGAAGCCACAGACTCTTACGTGGAGAGTGCAGTGCCTG
TAGGTCAGGACCATCAGAGAGGCAAGGTTGCCCTTTCTTTTAAAGGCCCTGTGGTCTGGGGAGAAAT
CCCTCAGATCCCACTAAAGTGTCAAGGTGTGAAGGGACCAAGCGACCAAGGATGGGCCATCTGGGGTC
TATGCCACATACCCACGTTTGTTCGCTTCTGAGTCTTTTCATTGCTACCTCTAATAGTCTGTCTCC
CACTTCCCACTCGTTCCCTCTCTTCCGAGCTGCTTTGTGGGCTCCAGGCCTGTACTCATCGGCAGGC
GCATGAGTATCTGTGGGAGTCTCTAGAGAGATGAGAAGCCAGGAGGCCTGCACCAAATGTCAGAAAGCT
TGGCATGACCTCATTCCGGCCACATCATTCTGTGTCTCTGCATCCATTTGAACACATTATTAAGCACCG
ATAATAGGTAGCTGTGTGGGTATACAGCATTGACTCAGATATAGATCCTGAGCTCACAGAGTTTAT
AGTTAAAAAACAACAGAAACACAAACGATTTGGATCAAAAGGAGAAATGATAAGTGACAAAAGCAGC
ACAAGGAATTTCCCTGTGTGGATGCTGAGCTGTGATGGCGGCACTGGGTACCAAGTGAAGGTTCCCA
AGGACATGAGTCTGTAGGAGCAAGGGCACAAATGCAGCTGTGAGTGCCTGTGTGTGATTGGTGTAGG
TAGGTCTGTTTGCCACTTGATGGGGCTGGGTTTGTCTGGGGCTGGAATGCTGGGTATGCTCTGTGA
CAAGGCTACGCTGACAATCAGTTAAACACACCGGAGAAGAACCATTACATGCACCTTATATTTCTGTG
TACACATCTATTCTCAAAGCTAAAGGGTATGAAAGTGCCCTGCTTTTATAGCCACTTGTGAGTAAAA
ATTTTTTGCATTTTCAAAATTATACTTTATATAAGGCATTCCACACCTAAGAACTAGTTTTGGGAAA
TGTAGCCCTGGGTTAATGTCAAATCAAGGCAAAAGGAATTAATAATGTACTTTTGGCTAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:

Sgfl-Mlul

OTI Disclaimer:

Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components:

The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq:

[NM_033013.3](#)

Summary:

This gene product belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. The encoded protein is a transcriptional regulator of the cytochrome P450 gene CYP3A4, binding to the response element of the CYP3A4 promoter as a heterodimer with the 9-cis retinoic acid receptor RXR. It is activated by a range of compounds that induce CYP3A4, including dexamethasone and rifampicin. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. Additional transcript variants exist, however, they have not been fully characterized. [provided by RefSeq, Jul 2008]

Locus ID: 8856

MW: 48.2