

Product datasheet for **RC233818**

Retinoid X Receptor gamma (RXRG) (NM_001256571) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Retinoid X Receptor gamma (RXRG) (NM_001256571) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Retinoid X Receptor gamma
Synonyms:	NR2B3; RXRC
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233818 representing NM_001256571 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAC**TACCCATCCACCAGCCCCGGATCTCTGGTTAAACACATCTGTGCCATCTGTGGAGACAGATCCT**
CAGGAAAGCACTACGGGGTATACAGTTGTGAAGGCTGCAAAGGGTCTTCAAGAGGACGATAAGGAAGGA
CCTCATCTACACGTGTCGGGATAATAAAGACTGCCTCATTGACAAGCGTCAGCGCAACCGCTGCCAGTAC
TGTCGCTATCAGAAGTGCCTTGTCATGGGCATGAAGAGGGAAGCTGTGCAAGAAGAAAGACAGAGGAGCC
GAGAGCGAGCTGAGAGTGAGGCAGAATGTCTACCAAGTGGTTCATGAAGACATGCCTGTGGAGAGGATTCT
AGAAGCTGAACCTGCTGTTGAACCAAAGACAGAAATCCTATGGTGACATGAATATGGAGAACTCGACAAAT
GACCCCTGTTACCAACATATGTCATGCTGCTGACAAGCAGCTTTTACCCTCGTTGAATGGCCAAGCGTA
TTCCCCACTTCTCTGACCTCACCTTGGAGGACCAGGTCATTTTGCTTCGGGCAGGGTGAATGAATTGCT
GATTGCCTCTTTCTCCCACCGCTCAGTTTCCGTGCAGGATGGCATCCTTCTGGCCACGGGTTTACATGTC
CACCGGAGCAGTGCCACAGTGTGGGGTGGCTCCATCTTTGACAGAGTCTAACTGAGCTGGTTTCCA
AAATGAAAGACATGCAGATGGACAAGTCGGAACGGGATGGGATGCTGCGAGCCATTGTACTCTTAAACCAGA
TGCCAAGGGCCTGTCCAACCCCTCTGAGGTGGAGACTTGGCAGAGAAGGTTTATGCCACCCCTTGGAGCC
TACACCAAGCAGAAGTATCCGGAACAGCCAGGCTTTGCCAAGCTGCTGCTGCCCTCCAGCTCTGC
GTTCCATTGGCTTGAAATGCCTGGAGCACCTCTTCTTCAAGCTCATCGGGGACACCCCAATTGACAC
CTTCTCATGGAGATGTTGGAGACCCCGCTGCAGATCACC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_001256571.2](#)

RefSeq Size: 1680 bp

RefSeq ORF: 1023 bp

Locus ID: 6258

UniProt ID: [P48443](#)

Cytogenetics: 1q23.3

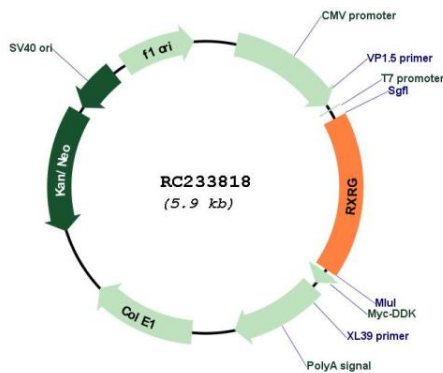
Protein Families: Druggable Genome, Nuclear Hormone Receptor, Transcription Factors

Protein Pathways: Adipocytokine signaling pathway, Non-small cell lung cancer, Pathways in cancer, PPAR signaling pathway, Small cell lung cancer, Thyroid cancer

MW: 39.1 kDa

Gene Summary: This gene encodes a member of the retinoid X receptor (RXR) family of nuclear receptors which are involved in mediating the antiproliferative effects of retinoic acid (RA). This receptor forms dimers with the retinoic acid, thyroid hormone, and vitamin D receptors, increasing both DNA binding and transcriptional function on their respective response elements. This gene is expressed at significantly lower levels in non-small cell lung cancer cells. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jun 2010]

Product images:



Circular map for RC233818