

Product datasheet for **SC214467**

Retinoic Acid Receptor alpha (RARA) (NM_000964) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Retinoic Acid Receptor alpha (RARA) (NM_000964) Human 3' UTR Clone
Symbol:	Retinoic Acid Receptor alpha
Synonyms:	NR1B1; RAR
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000964
Insert Size:	1447 bp



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Insert Sequence: >SC214467 3'UTR clone of NM_000964
 The sequence shown below is from the reference sequence of NM_000964. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGAAGCAGCCCGCCACCCACTCCCGTGAACGCCACGCCACATGGACACAGCCCTCGCCCTCCGCC
CGGCTTTTCTCTGCCTTTCTACCGACCATGTGACCCCGCACCAGCCCTGCCCCACTGCCTCCGGG
CAGTACTGGGACCTTCCTGGGGACGGGAGGAGGAGGCAGCGACTCCTTGGACAGAGGCTGGGC
CCTCAGTGGACTGCCTGCTCCACAGCCTGGGCTGACGTGACAGGCCGAGGCCAGGAACTGAGTGAGGC
CCCTGGTCTGGTCTCAGGATGGGTCTGGGGCCTCGTGTTCATCAAGACACCCTCTGCCAGCTC
ACCACATTTTCATCACCAGCAAACGCCAGGACTGGCTCCCCATCCTCAGAACTCACAAGCCATTGCT
CCCCAGCTGGGGAACCTCAACCTCCCCCTGCCTCGGTTGGTGACAGAGGGGTGGGACAGGGCGGGG
GGTTCCCCTGTACATAACCTGCCATACCAACCCAGGATTAATTCTCGCTGGTTTTGTTTTATTTT
AATTTTTTTGTTTTGATTTTTTTAATAAGAATTTTCATTTTAAGCACATTTATACTGAAGGAATTTGTG
CTGTGTATTGGGGGAGCTGGATCCAGAGCTGGAGGGGTGGGTCCGGGGGAGGGAGTGGCTCGGAAGG
GGCCCCACTCTCCTTTCATGTCCCTGTGCCCCAGTTCTCCTCCTCAGCCTTTTCTCCTCAGTTTT
CTCTTTAAACTGTGAAGTACTAACTTTCAAGGCCTGCCTTCCCTCCCCTGGAGAAGCCGCC
AGCCCCTTTCTCCTCTGCCTGACCACTGGGTGTGGACGGTGTGGGGCAGCCCTGAAAGGACAGGCTCC
TGGCCTTGGCACTTGCCTGCACCCACATGAGGCATGGAGCAGGGCAGAGCAAGGGCCCCGGGACAGAG
TTTTCCAGACCTGGCTCCTCGGCAGAGCTGCCTCCCGTCAGGGCCACATCATCTAGGCTCCCCAGCC
CCCACTGTGAAGGGGCTGGCCAGGGGCCGAGCTGCCCCACCCCGGCTCAGCCACAGCACCCTCA
TAGGGCCCCAGACACCACACACATGCGCGTGCACACACACAAACACACACACTGGACAGTAGAT
GGGCCGACACACACTTGGCCGAGTTCCCTCCATTTCCCTGGCCTGCCCCACCCCAACCTGTCCAC
CCCCGTGCCCTCCTTACCCCGCAGGACGGGCCTACAGGGGGTCTCCCTCACCCCTGCACCCCGAG
CTGGGGGAGCTGGCTCTGCCCGACCTCCTTACCAGGGTTGGGGCCCTTCCCTGGAGCCCGTGGG
TGCACCTGTTACTGTTGGGCTTCCACTGAGATCTACTGGATAAAGAATAAAGTTCTATTTATTCTA
ACGCGTAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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_000964.4](#)

Summary: This gene represents a nuclear retinoic acid receptor. The encoded protein, retinoic acid receptor alpha, regulates transcription in a ligand-dependent manner. This gene has been implicated in regulation of development, differentiation, apoptosis, granulopoiesis, and transcription of clock genes. Translocations between this locus and several other loci have been associated with acute promyelocytic leukemia. Alternatively spliced transcript variants have been found for this locus.[provided by RefSeq, Sep 2010]

Locus ID: 5914

MW: 51.9