

## Product datasheet for **SC214468**

### Retinoic Acid Receptor alpha (RARA) (NM\_001145301) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Retinoic Acid Receptor alpha (RARA) (NM_001145301) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	RARA
Synonyms:	NR1B1; RAR
ACCN:	NM_001145301
Insert Size:	1447 bp



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**Insert Sequence:** >SC214468 3'UTR clone of NM\_001145301  
 The sequence shown below is from the reference sequence of NM\_001145301. 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
AGAAGCAGCCCGCCACCCACTCCCGTGAACCGCCACGCCACATGGACACAGCCCTCGCCCTCCGCC
CGGCTTTTCTCTGCCTTTCTACCGACCATGTGACCCCGCACCAGCCCTGCCCCCACTGCCTCCCGGG
CAGTACTGGGACCTTCCCTGGGGGACGGGAGGAGGAGGCAGCGACTCCTTGGACAGAGGCTGGGC
CCTCAGTGGACTGCCTGCTCCACAGCCTGGGCTGACGTGACAGGCCGAGGCCAGGAACTGAGTGGGC
CCCTGGTCTGGTCTCAGGATGGGTCTGGGGCCTCGTGTTCATCAAGACACCCTCTGCCAGCTC
ACCACATTTTCATCACCAGCAAACGCCAGGACTGGCTCCCCATCCTCAGAACTCACAAGCCATTGCT
CCCCAGCTGGGGAACCTCAACCTCCCCCTGCCTCGGTTGGTACAGAGGGGGTGGGACAGGGGCGGG
GGTTCCCCTGTACATAACCTGCCATACCAACCCAGGATTAATTCTCGCTGGTTTTGTTTTATTTT
AATTTTTTTGTTTTGATTTTTTTAATAAGAATTTTCATTTTAAGCACATTATACTGAAGGAATTTGTG
CTGTGTATTGGGGGAGCTGGATCCAGAGCTGGAGGGGTGGGTCCGGGGGAGGGAGTGGCTCGGAAGG
GGCCCCACTCTCCTTTCATGTCCCTGTGCCCCCAAGTTCTCCTCCTCAGCCTTTTCTCCTCAGTTTT
CTCTTTAAACTGTGAAGTACTAACTTTCCAAGGCCTGCCTTCCCTCCCCTGGAGAAGCCGCC
AGCCCCTTTCTCCTCTGCCTGACCACTGGGTGTGGACGGTGTGGGGCAGCCCTGAAAGGACAGGCTCC
TGGCCTTGGCACTTGCCTGCACCCACCATGAGGCATGGAGCAGGGCAGAGCAAGGGCCCCGGGACAGAG
TTTTCCAGACCTGGCTCCTCGGCAGAGCTGCCTCCCGTCAGGGCCACATCATCTAGGCTCCCCAGCC
CCCACTGTGAAGGGGCTGGCCAGGGCCCGAGCTGCCCCACCCCGGCTCAGCCACCAGCACCCTCCA
TAGGGCCCCAGACACCACACACATGCGCGTGCACACACAAACACACACACTGGACAGTAGAT
GGGCCGACACACACTTGGCCGAGTTCCCTCCATTTCCCTGGCCTGCCCCCAACCCCAACCTGTCCAC
CCCCGTGCCCTCCTTACCCCGCAGGACGGGCTACAGGGGGTCTCCCTCACCCCTGCACCCACAG
CTGGGGGAGCTGGCTCTGCCCGACCTCCTTACCAGGGGTTGGGGCCCTTCCCTGGAGCCCGTGGG
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\\_001145301.3](#)

**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