

## Product datasheet for SC212737

### Retinoic Acid Receptor gamma (RARG) (NM\_000966) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Retinoic Acid Receptor gamma (RARG) (NM_000966) Human 3' UTR Clone
Symbol:	Retinoic Acid Receptor gamma
Synonyms:	NR1B3; RARC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000966
Insert Size:	1137 bp
Insert Sequence:	>SC212737 3'UTR clone of NM_000966 The sequence shown below is from the reference sequence of NM_000966. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GGCAAAGGGGGCCTGAAGTCCCCAGCCTGACCAGGGCCCCTGACCTCCCCGCTGTGGGGTTGGGGCTT
CAGGCAGCAGACTGACCATCTCCAGACCGCCAGTGACTGGGGGAGGACCTGCTCTGCCCTCTCCCCAC
CCCTTCCAATGAGCTCCTTGTGTTTTGCCAAAGTTCTAGGGGTGCCTCTGTGTTTCATCCCCTTCCTGAT
CTAACCGGCTCCCTCGCCAGTCCCGGGGGCCTGCCCTGCTCCACCAGGAGAGAGGGCAAAGGGATGAG
CCTGGGTTTGGACTCTAAATCTCAGCACTGCCCATGGGTCTAGACTTCCAGGGCAAGAGGAAGAC
CCTGCCATTCCACAGCCCCTTCCTTGCCAGGTGCTTGGCTCTCTGAGAGCAAACAGGAACACTAGAGA
CCAAAAAGGGGACAAAGGAGAAGGGCTGAGCCACCTTCTTGCTCCTACCCTTGGTGCTAATGCTGTG
TGATGCACCTGCAGGGTGTGTGCTAGCCTCTGTGCCCCGTCCTTGTGCCAGGTCAAGGTGGGGGCAGGC
TGGGCCCTGCATTTCTGGGGCAGGAACAGAGGGTGAAAGGGACAGATAGATGCAGGTCCATTCTGCACC
TCTTGGCTCGGGTGCAGAGTTCACCCTGTGCCCTCCGTTATAAGTCCCTCCCCAGCCCTGTCATGTGC
CTTGGGCTCCTCCTGCCCTCCATCTCAGCATTGGGGCAGGGACCCTCCTACACTACAGAGGGGCCAGG
GGATCCCCTCTCCCTAGTGCCCTCCACCCTTTACTCCCAGAGCAGCTTGGCCCAGGGAGGGGGGATG
CTGCTTAGCTGATCCCGCCTGACCCAGAGGAAGCCTCTATTTATTTATTAGCTTTTGTACACCGTG
GAATTGACCCCTTCTCCAGGGTCTTGGGTGGGGGAGCCAGGGCCCTGTGACCCCTCCTTTCTTCC
TCCAATCCCAGTTTGTATTTAGCTGCCAAATAAGATTCCCATTGGCTCCCTGTGTTCTCTTGGGGGT
CAGGGTGTGTCCTCCCTCTGTTTACATCTCCCTTACCCCGCTGTATCGCATATTGCTGAGTTT
TCTATTTTGC AAAATAAAGTGATGAAACTCA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<u><a href="#">NM_000966.6</a></u>
<b>Summary:</b>	This gene encodes a retinoic acid receptor that belongs to the nuclear hormone receptor family. Retinoic acid receptors (RARs) act as ligand-dependent transcriptional regulators. When bound to ligands, RARs activate transcription by binding as heterodimers to the retinoic acid response elements (RARE) found in the promoter regions of the target genes. In their unbound form, RARs repress transcription of their target genes. RARs are involved in various biological processes, including limb bud development, skeletal growth, and matrix homeostasis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
<b>Locus ID:</b>	5916
<b>MW:</b>	39.8