

Product datasheet for **SC214422**

Retinoic Acid Receptor beta (RARβ) (NM_016152) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Retinoic Acid Receptor beta (RARβ) (NM_016152) Human 3' UTR Clone
Symbol:	Retinoic Acid Receptor beta
Synonyms:	HAP; MCOPS12; NR1B2; RARbeta1; RRB2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016152
Insert Size:	1346 bp



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Insert Sequence: >SC214422 3'UTR clone of NM_016152
 The sequence shown below is from the reference sequence of NM_016152. 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
GGGTCAGTCAGTCACCACTCGTGCAATTAAGACATTTTCTAGCTACTTCAAACATCCCCAGTACCTTC
AGTTCCAGGATTTAAAATGCAAGAAAAAACATTTTACTGCTGCTTAGTTTTGGACTGAAAAGATATT
AAAACCAAGAAGGACCAAGAAGTTTTCATATGTATCAATATATACTCCTCACTGTGTAACCTACCT
AGAAATACAACTTTTCCAATTTAAAAAATCAGCCATTTTCATGCAACCAGAACTAGTTAAAAGCTTC
TATTTTCTCTTTGAACACTCAAGATTGCATGGCAAAGACCCAGTCAAAATGATTTACCCCTGGTTAAG
TTTCTGAAGACTTTGTACATACAGAAGTATGGCTCTGTTCTTTCTATACTGTATGTTTGGTCTTTCCT
TTTGTCTTGCATACTCAAATAACCATGACACCAAGGTTATGAAATAGACTACTGTACACGTCTACCTA
GGTTCAAAAAGATAACTGTCTTGTCTTTCATGGAATAGTCAAGACATCAAGGTAAGGAAACAGGACTATT
GACAGGACTATTGTACAGTATGACAAGATAAGGCTGAAGATATTCTACTTTAGTTAGTATGGAAGCTTG
TCTTTGCTCTTTCTGATGCTCTCAAACGCATCTTTTATTTTCATGTTGCCAGTAAAAGTATACAAATT
CCCTGCACTAGCAGAAGAGAATTCTGTATCAGTGTAACTGCCAGTTCAAGTTAATCAAATGTCATTTGTT
CAATTGTTAATGTCACTTTAAATTTAAAAGTGGTTTACTTGTTTAATGACATAACTACACAGTTAGT
TAAAAAAATTTTTTACAGTAATGATAGCCTCCAAGGCAGAAACACTTTTCAGTGTTAAGTTTTTGT
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TAACTCTAGTGTCTTCTGATTCATGCCTGATTTGGGATTTTTTTTTCCAGCCTTCTTGATGCCAAG
GGGCTAATTAATATTAACAACCTCCAAAAGAAACAGGCATAGAATCTGCCTCCTTTGACCTTGTTCATC
ACTATGAAGCAGAGTGAAAGCTGTGGTAGAGTGGTTAACAGATACAAGTGCAGTTTCTTAGTTTCAT
TTAAGCACTAGTGAATTTTTTTTTTTTATATATTAGCAAGTCTGTGATGTACTTTCACTGGCTCTGT
TTGTACATTGAGATTGTTTGTAAACAATGCTTTCTATGTTTCATATACTGTTTACCTTTTTCCATGGAG
TCTCCTGGCAAAGAATAAAATATATTTATTTTAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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_016152.4](#)

Summary: This gene encodes retinoic acid receptor beta, a member of the thyroid-steroid hormone receptor superfamily of nuclear transcriptional regulators. This receptor localizes to the cytoplasm and to subnuclear compartments. It binds retinoic acid, the biologically active form of vitamin A which mediates cellular signalling in embryonic morphogenesis, cell growth and differentiation. It is thought that this protein limits growth of many cell types by regulating gene expression. The gene was first identified in a hepatocellular carcinoma where it flanks a hepatitis B virus integration site. Alternate promoter usage and differential splicing result in multiple transcript variants. [provided by RefSeq, Mar 2014]

Locus ID: 5915

MW: 51.9