

## Product datasheet for SC212149

### ROR2 (NM\_004560) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	ROR2 (NM_004560) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ROR2
Synonyms:	BDB; BDB1; NTRKR2
ACCN:	NM_004560
Insert Size:	1091 bp
Insert Sequence:	>SC212149 3'UTR clone of NM_004560 The sequence shown below is from the reference sequence of NM_004560. 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
GACGAGGCCCAAGTCCAGCTGGAAGCTTGAAGTGGCACCAGGGCCCGGGTTCGGGGATAGAAGCCCCG
CGAGACCCACAGGGACCTCAGTCACCTTTGAGAAGACACCATACTCAGCAATCACAAGAGCCCGCCG
CCAGTGGGCTTGTTCAGACTGGGTGAGGTGGAGCCCTGCTCCTCTGTCTCTGACACAGAGAGCT
GCCCTGCCTAGGAGCACCAAGCCAGGCAGGGGTCTGGCAGCACGGCGTCTGGGGAGCAGGACACAT
GGTCATCCCAGGGCTGTATACATTGATTCTGGTGGTAGACTGGTAGTGAAGCAGCAAAATGCCTTTCAAG
AAAATAGGTGGCAGCTTCACTCCATGTCATATATGGAGTGAATATTTCAAACGTTGGGAATAAGGGCC
TGCAAAAGGCAGCGAGGAGGCACCTCGGGTCTTGAGGTTCTGACAACCGATCTGGTCTGTTGGTTTGA
GGATGAAGGGGCTCCATTTCTGCTGCCTCCCTGCTGAGAATATTCTCCCTTTAGCAGCCAAAGATTCGC
TGGAACGGAGGCTGCCCTCTGCTGCCTGTTGGGTTCGGAAGACAAGGGGCTTCTGAAATGGGAGTTCCT
GAGATAACAACAAATGTGTGCCCTCAAAGAACTGACAGCTTTGTATTTGGTGAATGGTTTTAATTAT
ACTCCATGTGATTTTGCCCACTTTTTTGGGAATTCAAGGGAAAGTGTTCCTGGGTTTGAATGTTC
AGAGGAAGCAGTATTGTACAGAACACGGTATTGTTATTTTGTAAAGATCATGTACAGAGCTTAAATG
TAATTTATATGTTTTAATATGCCATTTTCATTGAAGTATTTGGTCTTAAGATGACTTTAGTAATTTA
ACTGTTTATGTTACCCACGTTGGGATCCAGTTGGTCTTGGTTTGTCTCTCTGTACCACGTGCACATG
AGGTCCATTCATTTACAGCCCTGTTACACACAGACCCACAGGCAGCCGTCTGTGCCCCGCACACATT
GTTGGTCTATTTGTAATCCCACACCCGGTGTATCCAATAAAGTGAAACAAAGCA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<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>	<a href="#">NM_004560.4</a>
<b>Summary:</b>	The protein encoded by this gene is a receptor protein tyrosine kinase and type I transmembrane protein that belongs to the ROR subfamily of cell surface receptors. The protein may be involved in the early formation of the chondrocytes and may be required for cartilage and growth plate development. Mutations in this gene can cause brachydactyly type B, a skeletal disorder characterized by hypoplasia/aplasia of distal phalanges and nails. In addition, mutations in this gene can cause the autosomal recessive form of Robinow syndrome, which is characterized by skeletal dysplasia with generalized limb bone shortening, segmental defects of the spine, brachydactyly, and a dysmorphic facial appearance. [provided by RefSeq, Jul 2008]
<b>Locus ID:</b>	4920
<b>MW:</b>	40.6