

## Product datasheet for **SC315659**

### NCOR2 (NM\_001077261) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NCOR2 (NM\_001077261) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NCOR2  
**Synonyms:** CTG26; N-CoR2; SMAP270; SMRT; SMRTE; SMRTE-tau; TNRC14; TRAC; TRAC-1; TRAC1  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001077261, the custom clone sequence may differ by one or more nucleotides

```
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CACGCTGGGACGAGGAGCCCAAGCCACTGCTCTGCTCGCAGTACGAGACTCTCCGAC  
AGCGAG

**Restriction Sites:**

Please inquire

**ACCN:**

NM\_001077261

**OTI Disclaimer:**

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

<b>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001077261.1</a></u> , <u><a href="#">NP_001070729.1</a></u>
<b>RefSeq Size:</b>	8550 bp
<b>RefSeq ORF:</b>	7389 bp
<b>Locus ID:</b>	9612
<b>UniProt ID:</b>	<u><a href="#">Q9Y618</a></u>
<b>Cytogenetics:</b>	12q24.31
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Notch signaling pathway
<b>Gene Summary:</b>	<p>This gene encodes a nuclear receptor co-repressor that mediates transcriptional silencing of certain target genes. The encoded protein is a member of a family of thyroid hormone- and retinoic acid receptor-associated co-repressors. This protein acts as part of a multisubunit complex which includes histone deacetylases to modify chromatin structure that prevents basal transcriptional activity of target genes. Aberrant expression of this gene is associated with certain cancers. Alternate splicing results in multiple transcript variants encoding different isoforms.[provided by RefSeq, Apr 2011]</p> <p>Transcript Variant: This variant (2) has multiple difference in the coding region, but maintains the reading frame, compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter than isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>