

## Product datasheet for **SC323095**

### NR2C1 (NM\_001127362) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NR2C1 (NM_001127362) Human Untagged Clone
Tag:	Tag Free
Symbol:	NR2C1
Synonyms:	TR2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC323095 representing NM\_001127362.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

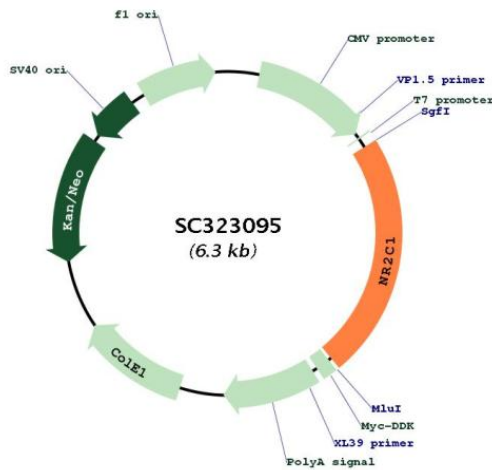
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**Restriction Sites:**

SgfI-MluI

**Plasmid Map:**



**ACCN:**

NM\_001127362

<b>Insert Size:</b>	1452 bp
<b>OTI Disclaimer:</b>	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>	<a href="#">NM_001127362.1</a>
<b>RefSeq Size:</b>	2147 bp
<b>RefSeq ORF:</b>	1452 bp
<b>Locus ID:</b>	7181
<b>UniProt ID:</b>	<a href="#">P13056</a>
<b>Cytogenetics:</b>	12q22
<b>Protein Families:</b>	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
<b>MW:</b>	53 kDa
<b>Gene Summary:</b>	<p>This gene encodes a nuclear hormone receptor characterized by a highly conserved DNA binding domain (DBD), a variable hinge region, and a carboxy-terminal ligand binding domain (LBD) that is typical for all members of the steroid/thyroid hormone receptor superfamily. This protein also belongs to a large family of ligand-inducible transcription factors that regulate gene expression by binding to specific DNA sequences within promoters of target genes. Multiple alternatively spliced transcript variants have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) differs in the 3' coding region and 3' UTR compared to variant 1. The resulting isoform (c, also known as TR2-5) has a shorter C-terminus compared to isoform a.</p>