

## Product datasheet for **SC329936**

### **NCR1 (NM\_001242357) Human Untagged Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** NCR1 (NM\_001242357) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** NCR1  
**Synonyms:** CD335; LY94; NK-p46; NKP46  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC329936 representing NM\_001242357.  
**Blue**=Insert sequence **Red**=Cloning site **Green**=Tag(s)

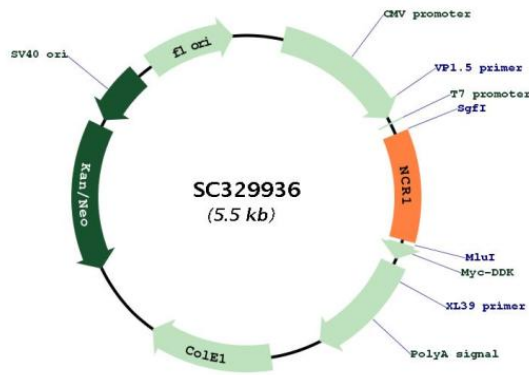
```
ATGTCTTCCACACTCCCTGCCCTGCTCTGCGTCGGGCTGTGTCTGAGTCAGAGGATCAGCGCCCAGCAG  
CAAATGTATGACACACCCACCCTCTCGGTTTCATCCTGGACCCGAAGTGATCTCGGGAGAGAAGGTGACC  
TTCTACTGCCGTCTAGACTGCAACAAGCATGTTCTTACTGCTCAAGGAGGGAAGATCCAGCCACGTA  
CAGCGCGGATACGGGAAGGTCCAGGCGGAGTCCCCCTGGGCCCTGTGACCACAGCCACAGAGGGACA  
TACCGATGTTTTGGCTCCTATAACAACCATGCCTGGTCTTCCCCAGTGAGCCAGTGAAGCTCCTGGTC  
ACAGGCGACATTGAGAACACCAGCCTTGCACCTGAAGACCCACCTTTCCTGACCATGCCCTCTGGGAT  
CACACTGCCAGAATCTCCTTCGGATGGCCTGGCCTTCTAGTCTGGTGGCTCTAGTGTGGTTCTCTG  
GTTGAAGACTGGCTCAGCAGGAAGAGGACTAGAGAGCGAGCCAGCAGAGCTTCCACTTGGGAAGGCGAG  
AGAAGGCTGAACACACAGACTCTTGA
```

**Restriction Sites:** Sgfl-Mlul



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Plasmid Map:



**ACCN:** NM\_001242357

**Insert Size:** 579 bp

**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).

**Components:** 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_001242357.2</a>
<b>RefSeq Size:</b>	817 bp
<b>RefSeq ORF:</b>	579 bp
<b>Locus ID:</b>	9437
<b>UniProt ID:</b>	<a href="#">O76036</a>
<b>Cytogenetics:</b>	19q13.42
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Natural killer cell mediated cytotoxicity
<b>MW:</b>	21.6 kDa
<b>Gene Summary:</b>	<p>Cytotoxicity-activating receptor that may contribute to the increased efficiency of activated natural killer (NK) cells to mediate tumor cell lysis.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (5) lacks two alternate exons in the coding region compared to variant 1. The resulting protein (isoform e) is shorter but has the same N- and C-termini compared to isoform a.</p>