

Product datasheet for SC326460

NCR1 (NM_001145457) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCR1 (NM_001145457) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCR1
Synonyms:	CD335; LY94; NK-p46; NKP46
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC326460 representing NM_001145457. Blue=Insert sequence Red=Cloning site Green=Tag(s)

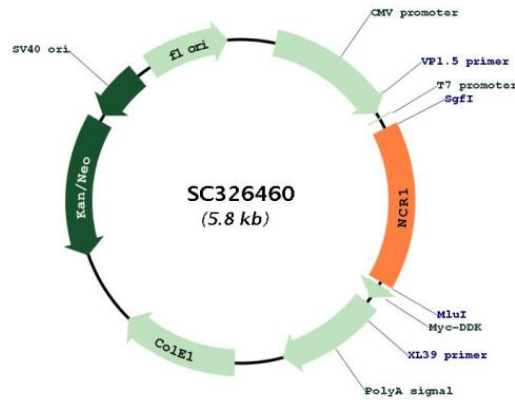
```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC CGCATCGCC
ATGTCTTCCACTCCCTGCCCTGCTCTGCGTCGGGCTGTGTCTGAGTCAGAGGATCAGCGCCAGCAG
CAGACTCTCCAAAACCGTTTCATCTGGGCCGAGCCCCATTTTCATGGTTCCAAAGGAAAAGCAAGTGACC
ATCTGTTGCCAGGAAATATGGGGCTGTTGAATACCAGCTGCACCTTTGAAGGAAGCCTTTTTGCCGTG
GACAGACCAAAACCCCTGAGCGGATTAACAAAGTCCAATTCTACATCCCGGACATGAACTCCCGCATG
GCAGGGCAATACAGCTGCATCTATCGGGTTGGGGAGCTCTGGTCAGAGCCAGCAACTTGCTGGATCTG
GTGTAACAGAAATGTATGACACACCCACCTCTCGGTTTCATCCTGGACCCGAAGTGATCTCGGGAGAG
AAGGTGACCTTCTACTGCCGTCTAGACACTGCAACAAGCATGTTCTTACTGCTCAAGGAGGAAGATCC
AGCCACGTACAGCGCGGATACGGGAAGGTCCAGGCGGAGTTCCCCCTGGGCCCTGTGACCACAGCCAC
AGAGGGACATACCGATGTTTTGGCTCTATAACAACCATGCTGGTCTTTCCCCAGTGAGCCAGTGAAG
CTCCTGGTCACAGGCGACATTGAGAACACCAGCCTTGACCTGAAGACCCACCTTTCTGACACTTGG
GGCACCTACCTTTTAACCACAGAGACGGGACTCCAGAAAGACCATGCCCTCTGGGATCACACTGCCAG
AATCTCCTTCGGATGGCCTGGCCTTTCTAGTCTGGTGGCTCTAGTGTGGTTCCTGGTTGAAGACTGG
CTCAGCAGGAAGGAGACTAGAGAGCGAGCCAGCAGAGCTTCCACTTGGGAAGGCAGGAGAAGGCTGAAC
ACACAGACTCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



[View online »](#)

Plasmid Map:



ACCN: NM_001145457

Insert Size: 912 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).

OTI Annotation: 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.

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).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

RefSeq: [NM_001145457.2](https://www.ncbi.nlm.nih.gov/RefSeq/record/NM_001145457.2)

RefSeq Size: 1150 bp

RefSeq ORF: 912 bp

Locus ID:	9437
UniProt ID:	O76036
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
MW:	34.4 kDa
Gene Summary:	<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 (2) uses an alternate in-frame splice site in the 3' coding region compared to variant 1. This results in a shorter protein (isoform b) compared to isoform a.</p>