

Product datasheet for **SC125752**

NCR1 (NM_004829) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCR1 (NM_004829) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCR1
Synonyms:	CD335; LY94; NK-p46; NKP46
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_004829 edited
 GCACTAGGCCGGCAGAATCTGAGCGATGTCTTCCACACTCCCTGCCCTGCTCTGCGTCGG
 GCTGTGTCTGAGTCAGAGGATCAGCGCCAGCAGCAGACTCTCCCAAACCGTTCATCTG
 GGCCGAGCCCCATTTTCATGGTCCAAAGGAAAAGCAAGTGACCATCTGTTGCCAGGGAAA
 TTATGGGGCTGTTGAATACCAGCTGCACCTTTGAAGGAAGCCTTTTTGCCGTGGACAGACC
 AAAACCCCTGAGCGGATTAACAAAGTCAAATTTACATCCCGGACATGAACTCCCGCAT
 GGCAGGGCAATACAGCTGCATCTATCGGGTTGGGGAGCTCTGGTCAGAGCCCAGCAACT
 GCTGGATCTGGTGAACAGAAATGTATGACACACCCACCCTCTCGGTTTCATCCTGGACC
 CGAAGTGATCTCGGGAGAGAAGGTGACCTTCTACTGCCGTCTAGACACTGCAACAAGCAT
 GTTCTTACTGCTCAAGGAGGGAAGATCCAGCCACGTACAGCGCGGATACGGGAAGGTCCA
 GGCGGAGTTCCCTGGGCCCTGTGACCACAGCCACCGAGGGACATACCGATGTTTTGG
 CTCCTATAACAACCATGCCTGGTCTTTCCCAAGTGAAGCTCCTGGTCACAGG
 CGACATTGAGAACACCAGCCTTGCACCTGAAGACCCACCTTTCTGACACTTGGGGCAC
 CTACCTTTTAACCACAGAGACGGGACTCCAGAAAGACCATGCCCTCTGGGATCACACTGC
 CCAGAATCTCCTTCGGATGGCCTGGCCTTTCTAGTCTGGTGGCTCTAGTGTGGTTCCT
 GGTGGAAGACTGGCTCAGCAGGAAGAGGACTAGAGAGCGAGCCAGCAGAGCTTCCACTTG
 GGAAGGCAGGAGAAGGCTGAACACACAGACTCTTTGAAGAATGACCATGAGACACAGTGG
 CCATGGGTGGATCTGAAAGCTGGTGTGAGCCTGGGCGGCGTGAGCTCTGTGTTGGACCC
 ACGGAGGAGGGAGTCACTGCAGGGAAGAGGGACACTGGCATTCCATTTGTGAGAGCATC
 CCGGACGATGCAGAGGGTGGGAGAACTACATGCTAAATTTCTTTTTTTTTTTTTGAGACG
 GAGTTTTCTTTGTTGCCAGGCTGGAGTGCAGTGGCGGATCTTGGCTCACTGCAACCT
 CTAGCTCTCCATCCCTCGGGAGAATCGCTTGAACCTGGGAGCGGAGGTTGCGGTGAGCC
 GGGTCTGTCGCTGCGCTCCAGCCTGGGCGACGAGCAGACTCCGTCTCAAAAAAAAAA
 AAAAAAAAAAAAAAAAAACCACATAGGCTCAGTCTTTTCAGTATCTGCTTTACTGGTTACGTA
 AAGCCAGGAAACACAACCTTTGTGTAATCTGAATGTTATTGAACTGTATTTTGTCACTT
 TATTGTAATACTGGTGAACAGTGAATAAATGGTGTATATTCCTAATAAGAAAAAAAAA
 AAAAAAGACCCAAAGTACAGCAAGCTGATGCCGATCTCATTTTCGAGAGGTCGCGCTGCT
 CTCCCCTCTCAAGAGTGAATCCTCTGCTTAATAAACTATGCCGCTTTGCTAAAAAAAA
 AAAAAAAAAAAAAAAAAA

5' Read Nucleotide Sequence: >OriGene 5' read for NM_004829 unedited
 TTTGGATTTTGAATACGACTTACTATAGGGCGGACCGGATTCANATCTGGTACCGGTC
 CGGAATCCCAGGATGCACTAGGCCGGCAGAATCTGAGCGATGTCTTCCACACTCCCTGC
 CCTGCTCTGCGTCGGGCTGTGTCTGAGTCAGAGGATCAGCGCCAGCAGCAGACTCTCC
 AAAACCGTTTCATCTGGCCGAGCCCCATTTTCATGGTCCAAAGGAAAAGCAAGTGACCAT
 CTGTTGCCAGGAAATATGGGGCTGTTGAATACCAGCTGCACCTTTGAAGGAAGCCTTTT
 TGCCGTGGACAGACCAAAACCCCTGAGCGGATTAACAAAGTCAAATTTACATCCCGGA
 CATGAACTCCCAGATGGCAGGGCAATACAGCTGCATCTATCGGGTTGGGGAGCTCTGGTC
 AGAGCCCAGCAACTTGTGGATCTGGTGAACAGAAATGTATGACACACCCACCCTCTC
 GGTTTCATCCTGGACCCGAAGTGTCTCGGGAGAGAAGGTGACCTTCTACTGCCGTCTAGA
 CACTGCAACAAGCATGTTCTTACTGCTCAAGGAGGGAAGATCCAGCCACGTACAGCGCG
 ATACGGGAAGGTCCAGGCGGAGTTCCCTGGGCCCTGTGACCACAGCCACCGAGGGAC
 ATACCGATGTTTTGGCTCCTATNNACCATGCCTGGGTCTTCCCAGTGAAGCCAGTGAA
 GCTCCTGGTCACAGCGACATTGAGAACACCGCCTTGCACCTGAAGACCCACCTTTCTGA
 CACTTGGGCACCTACCTTTTACACAGAGACGGNACTCCAGAAGACCATGCCTCTGGGATC
 AACTGCCAGATCTNCTTCGGATGGCCTGCCTTTCTATCCTGGTGTCTAGTGTGGTCC
 TGTTGAGACTGCCTCANCAGGAGAGGACTA

Restriction Sites: NotI-NotI
ACCN: NM_004829

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).
Reconstitution Method:	<ol style="list-style-type: none">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_004829.3 , NP_004820.1
RefSeq Size:	1376 bp
RefSeq ORF:	915 bp
Locus ID:	9437
UniProt ID:	O76036
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
Gene Summary:	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] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).