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Product datasheet for SC329935

NCR1 (NM_001242356) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCR1 (NM_001242356) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCR1
Synonyms:	CD335; LY94; NK-p46; NKP46
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329935 representing NM_001242356. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGTCTTCCACACTCCCTGCCCTGCTCTGCGTCGGGCTGTGTCTGAGTCAGAGGATCAGCGCCCAGCAG CAAATGTATGACACACCCACCCTCTCGGTTCATCCTGGACCCGAAGTGATCTCGGGAGAGAAGGTGACC TTCTACTGCCGTCTAGACACTGCAACAAGCATGTTCTTACTGCTCAAGGAGGGAAGATCCAGCCACGTA CAGCGCGGATACGGGAAGGTCCAGGCGGAGTTCCCCCTGGGCCCTGTGACCACAGCCCACAGAGGGACA TACCGATGTTTTGGCTCCTATAACAACCATGCCTGGTCTTTCCCCAGTGAGCCAGTGAAGCTCCTGGTC ACAGGCGACATTGAGAACACCAGCCTTGCACCTGAAGACCCCACCTTTCCTGCAGACACTTGGGGCACC TACCTTTTAACCACAGAGACGGGACTCCAGAAAGACCATGCCCTCTGGGATCACACTGCCCAGAATCTC CTTCGGATGGGCCTGGCCTTTCTAGTCCTGGTGGCTCTAGTGTGGTTCCTGGTTGAAGACTGGCTCAGC AGGAAGAGGACTAGAGAGCGAGCCAGCAGAGCTTCCACTTGGGAAGGCAGGAGAAGGCTGAACACACAG ACTCTTTGA
Restriction Sites:	SgfI-MluI

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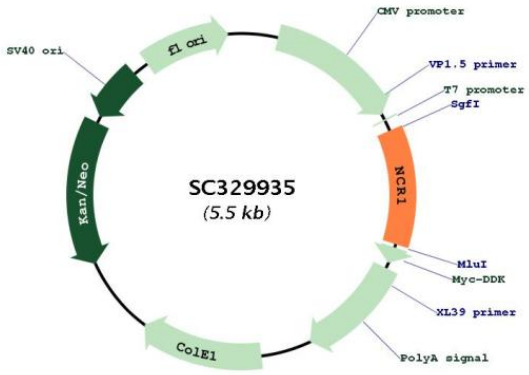
Plasmid Map:



ACCN:	NM_001242356
Insert Size:	630 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).

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_001242356.2
RefSeq Size:	868 bp
RefSeq ORF:	630 bp
Locus ID:	9437
UniProt ID:	O76036
Cytogenetics:	19q13.42
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
MW:	23.5 kDa
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 (4) lacks an alternate exon in the 5' coding region compared variant 1. The resulting protein (isoform d) is shorter but has the same N- and C-termini compared to isoform a.