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Product datasheet for SC331322

NCR2 (NM_001199510) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCR2 (NM_001199510) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCR2
Synonyms:	CD336; dJ149M18.1; LY95; NK-p44; NKP44
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC331322 representing NM_001199510. Blue=Insert sequence Red=Cloning site Green=Tag(s) ATGGCCTGGCGAGCCCTACACCCACTGCTACTGCTGCTGCTGCTGTTCCCAGGCTCTCAGGCACAATCC AAGGCTCAGGTACTTCAAAGTGTGGCAGGGCAGACGCTAACCGTGAGATGCCAGTACCCGCCCACGGGC AGTCTCTACGAGAAGAAAGGCTGGTGTAAGGAGGCTTCAGCACTTGTGTGCATCAGGTTAGTCACCAGC TCCAAGCCCAGGACGATGGCTTGGACCTCTCGATTCACAATCTGGGACGACCCTGATGCTGGCTTCTTC ACTGTCACCATGACTGATCTGAGAGAGGAAGACTCAGGACATTACTGGTGTAGAATCTACCGCCCTTCT GACAACTCTGTCTCTAAGTCCGTCAGATTCTATCTGGTGGTATCTCCAGCCTCTGCCTCCACACAGACC TCCTGGACTCCCCGCGACCTGGTCTCTTCACAGACCCAGACCCAGAGCTGTGTGCCTCCCACTGCAGGA GCCAGACAAGCCCCTGAGTCTCCATCTACCATCCCTGTCCCTTCACAGCCACAGAACTCCACGCTCCGC CCTGGCCCTGCAGCCCCCATTGCCCTGGTGCCTGTGTTCTGTGGACTCCTCGTAGCCAAGAGCCTGGTG CTGTCAGCCCTGCTCGTCTGGTGGGTTTTAAGGAATCGGCACATGCAGCATCAAGGGAGGTCTCTGCTG CACCCAGCTCAGCCCAGGCCCCAGGCCCATAGACACTTCCCACTGAGCCACAGGGCACCAGGGGGGACA TATGGTGGAAAACCATGA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001199510
Insert Size:	777 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).

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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_001199510.1
RefSeq Size:	1048 bp
RefSeq ORF:	777 bp
Locus ID:	9436
UniProt ID:	O95944
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
MW:	28.4 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 (3) has an additional exon which results in frame-shift, as compared to variant 1. The resulting isoform (3) has a shorter and distinct C-terminus, as compared to isoform 1. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.