

Product datasheet for **SC128286**

NCR2 (NM_004828) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NCR2 (NM_004828) Human Untagged Clone
Tag:	Tag Free
Symbol:	NCR2
Synonyms:	CD336; dj149M18.1; LY95; NK-p44; NKP44
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_004828 edited
AATTCCCTCTCCCAGTCTTCTCCAGGTGTCCCCTCCCACGAGCGCACAGGAAAAGGACC
ACATGGCCTGGCGAGCCCTACACCCACTGCTACTGCTGCTGCTGTTCCAGGCTCTC
AGGCACAATCCAAGGCTCAGTACTTCAAAGTGTGGCAGGGCAGACGCTAACCGTGAGAT
GCCAGTACCCGCCACGGGCAGTCTCTACGAGAAGAAAGGCTGGTGAAGGAGGCTTCAG
CACTTGTGTGCATCAGGTTAGTCACCAGCTCCAAGCCCAGGACGATGGCTTGGACCTCTC
GATTCACAATCTGGGACGACCCTGATGCTGGCTTCTTCACTGTCACCATGACTGATCTGA
GAGAGGAAGACTCAGGACATTACTGGTGTAGAATCTACCGCCCTTCTGACAACTCTGTCT
CTAAGTCCGTGAGATTCTATCTGGTGGTATCTCCAGCCTCTGCCTCCACACAGACCCCT
GGACTCCCGCGACCTGGTCTCTTACAGACCCAGACCCAGAGCTGTGTGCCTCCCAGT
CAGGAGCCAGACAAGCCCTGAGTCTCCATCTACCATCCCTGTCCCTTACAGCCACAGA
ACTCCACGCTCCGCCCTGGCCCTGCAGCCCCATTGCCCTGGTGCCTGTGTTCTGTGGAC
TCCTCGTAGCCAAGAGCCTGGTGTGTCAGCCCTGCTCGTCTGGTGGGGGACATATGGT
GGAAAACCGTGATGGAGCTCAGGAGCCTGGATACCCAAAAGCCACCTGCCACCTTCAAC
AGGTCACGGACCTTCCCTGGACCTCAGTTTCTCACCTGTAGAGAGAGAAATATTATATC
ACACTGTTGCAAGGACTAAGATAAGCGATGATGATGATGAACACACTTTGTGA



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_004828 unedited</p> <pre> NNGGCCGGTTCAAATTTGTATACGACTCATATAGGCGGCCGNAATCAATTCCTCTCC CCATCTTCTCCGGTGTCCCCTCCACGAGCGCCACAGGAAAAGGACCACATGGCCTGGCG AGCCCTACACCCACTGCTACTGCTGCTGCTGTTCCAGGCTCTCAGGCACAATCCAA GGCTCAGGTACTTCAAAGTGTGGCAGGGCAGACGCTAACCGTGAGATGCCAGTACCCGCC CACGGGCAGTCTCTACGAGAAGAAAGGCTGGTGTAAAGGAGGCTTCAGCACTTGTGTGCAT CAGGTTAGTCCACAGCTCCAAGCCAGGACGATGGCTTGGACCTCTCGATTCACAATCTG GGACGACCCTGATGCTGGCTTCTTCACTGTCACCATGACTGATCTGAGAGAGGAAGACTC AGGACATTACTGGTGTAGAATCTACCGCCCTTCTGACAACTCTGTCTCTAAGTCCGTCAG ATTCTATCTGGTGGTATCTCCAGCCTCTGCCTCCACACAGACCCCTGGACTCCCCGCGA CCTGGTCTCTTACAGACCCAGACCCAGAGCTGTGTGCCTCCACTGCAGGAGCCAGACA AGCCCCTGAGTCTCCATCTACCATCCCTGTCCCTTACAGCCACAGAATCCACGCTCCG CCCTGGCCCTGCAGCCCCATTGCCCTGGTGCCTGTGTTCTGTGGACTCCTCGTAGCCAA GAGCCTGGTGTGTCAGCCCTGCTCGTCTGGTGGGGGACATATGNGTGGAAAACCGTGA TGGAGCTCAAGAGCCTGGATACCCAAAAGCCACCTGCCACCTTCAACAGTCACGGACCT TCNTGGACCTCAGTTTCTCACCTGTAGAGAGAGAAATATATATCACACTGTTGCNAGG ACTAN </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_004828 unedited</p> <pre> AGGTACATGCACCATCAGGGCCGAGAGGCACTTGGGGAGGGGATCACAGGGACTGCCAC CCGGGATCTGTTACAGAAACAGCTATGACCGCGCCGCAATCTAGAGTCGAGTCACAAAG CGTGTTTCATCATCATCATCGTTATCTTAGTCCTTGAACAGTGTGATATAATATTTCTC TCTCTACAGGTGAGGAACTGAGGTCCAGGGAAGTCCGTGACCTGTTGAAGGTGGCAGG TGCTTTTTTGGGTATCCAGGCTCCTGAGCTCCATCACGGTTTTCCACCATATGTCCCCC ACCAGACGAGCAGGGCTGACAGCACAGGCTCTTGGCTACGAGGAGTCCACAGAACACAG GCACCAGGGCAATGGGGCTGCAGGGCCAGGGCGGAGCGTGGAGTTCTGTGGCTGTGAAG GGACAGGGATGGTAGATGGAGACTCAGGGGCTTGTCTGGCTCCTGCAGTGGGAGGCACAC AGCTCTGGGTCTGGTCTGTGAAGAGACCAGGTCCGCGGGGAGTCCAGGGGGTCTGTGTGG AGGCAGAGGCTGGAGATACCACCAGATAGAATCTGACGGACTTAGAGACAGAGTTGTGAG AAGGGCGGTAGATTCTACACCAGTAATGTCTGAGTCTTCTCTCTCAGATCAGTCATGG TGACAGTGAAGAAGCCAGCATCAGGGTCTCCAGATTGTGAATCGAGAGGTCCAAGCCA TGGTCTGGGCTTGGAGCTGGTACTAACCTGATGCACACAAGTGTGAAGCCTCCTTAC ACCAGCCTTTCTTCTCGTAGAGACTGCCCGTGGGCGGGTACTGGCATCTCACGGTTAGCG TCTGCCCTGCCACACTTTGAGTACCTGAGCCTTGGATTGTGCCTGAAAGCCTGGGAACAG CAGCAGCAGCAGTAGCAGTGGGTGTAGGCTCGCAGCCATGTGTCTTTTCTGTGCGCTCGT GGGAGGGGACACCTGGAAAAACTGGGGGAGAAGGAATTGAATTTCCGGCG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_004828
Insert Size:	900 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:	<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_004828.2 , NP_004819.1
RefSeq Size:	932 bp
RefSeq ORF:	831 bp
Locus ID:	9436
UniProt ID:	O95944
Cytogenetics:	6p21.1
Domains:	IG
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Natural killer cell mediated cytotoxicity
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 (1) encodes the longest 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.</p>