

Product datasheet for **RR210006**

Ncr1 (NM_057199) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ncr1 (NM_057199) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ncr1
Synonyms: KILR-1; Ly94; Nk-p46; Nkp46
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR210006 representing NM_057199
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCTGCCAACACTCACTGCCCTACTCTGCCTTGGTCTATGTCTGAGCCAAAGGATCAACACTGAAAAAC
 AGACTCTCCAAAACCCATCATCTGGGCCAAACCTAGTATCATGGTCACAAAAGGAACTCGGTGAACAT
 CTGGTGTGAGGGGCTCAGAGTGCTTCTGAGTATCAACTGTACTTTGAAGGAAGCTTTTTGCCTTGGAG
 AGACCAAAGTCATCGAGATCGATGAATAAAGTCAAGTTCTTCATTTACAAATGACCTCACATACTGCAG
 GGATCTACACCTGCTTCTATCAGAGTGGAGAGCTCTGGTCAGAGTCAAGCAACCCCTGAAACTGGTGGT
 AACTGGTCTGTATGACACACCCACCCTCTGGGTTACCCAGGGCCTGAGGTAACCTTGGGGGAGAATGTT
 ACCTTCTCTTGCCATCTGAAGACTGCAACAAGCAAATCTTTCTGCTCAAGGAGAGAGAATCCAACCATA
 TCCAGCATAAATATGGGAACATCCAAGCAGAGTTCCCATGGGCCCTGTGACTAGAGCTCACAGAGGGAC
 ATACAGATGTTTTGGCTTTACAACGACTATGCATGGTCTTTCCAGTGAGCCTGTGACTACTCATC
 ACAGGAGAGGTTGAGAACACCAGCCTTGACCCACAGACCCTGTTTCTTCTTTGATTATTGGGAGTTTG
 ACCTTTCAACAAAGAATCAGGATTGCAGAAGGACTCTGCCTTCTGGGATCACACAGCCCAAGTCTCAT
 TCGGATTGGCCTGGCATGCATAATCGTGATGGCTCTAGTATGGCTTTTGGCTGAAGACTGGCTCAGCAGG
 AGGAAGGATCATGAGAAGCTCAATAGATTAACAAGTTGGGAATGCAGGGGAAAGACGGAGAATGCATCGTT
 ACCATGAAGAGGAGCAAAGAGATGCAATATCTATGAGGAACTGAAGGCAACTCCTGGGATATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR210006 representing NM_057199
Red=Cloning site Green=Tags(s)

MLPTLTALLCLGLCLSQRINTEKQTLPKPIIWAKPSIMVTKGNSVNIWCQGAQSASEYQLYFEGSFFALE
 RPKSSRSMNKVKFFISQMTSHTAGIYTCFYQSGELWSESSNPLKLVVTGLYDPTLWVHPGPEVTLGENV
 TFSCHLKTATSKFFLLKERESNHIQHKYGNIQAEFFPMGPVTRAHRGTYRCFGSYNDYAWSFPSEPVTLLI
 TGEVENTSLAPDTPVSSLDYWEFDLSTKESGLQKDSAFWDHTAQNLIRIGLACIIVMALVWLLAEDWLSR
 RKDHEKLNRLTSWECRGRRRMRHYHEEEQRDAISMRELKATPGDM

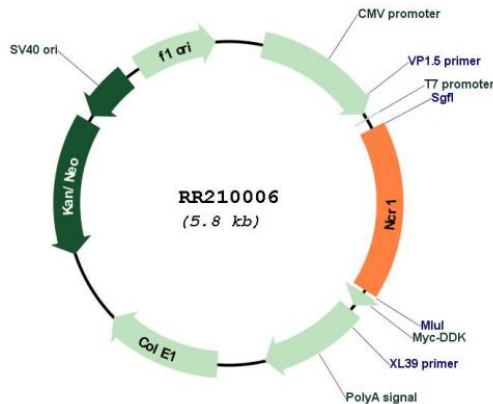
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_057199

ORF Size: 975 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_057199.1 , NP_476547.1
RefSeq Size:	1294 bp
RefSeq ORF:	978 bp
Locus ID:	117547
UniProt ID:	Q9Z0H5
Cytogenetics:	1q12
MW:	37.2 kDa
Gene Summary:	has similarity to immunoglobulins; expressed in NK cells [RGD, Feb 2006]