*m*NKG2E VersaClone cDNA

Catalog Number: RDC0815

Specifications:

Gene:	*m*NKG2E
Accession:	NP_067353
Insert size:	679bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

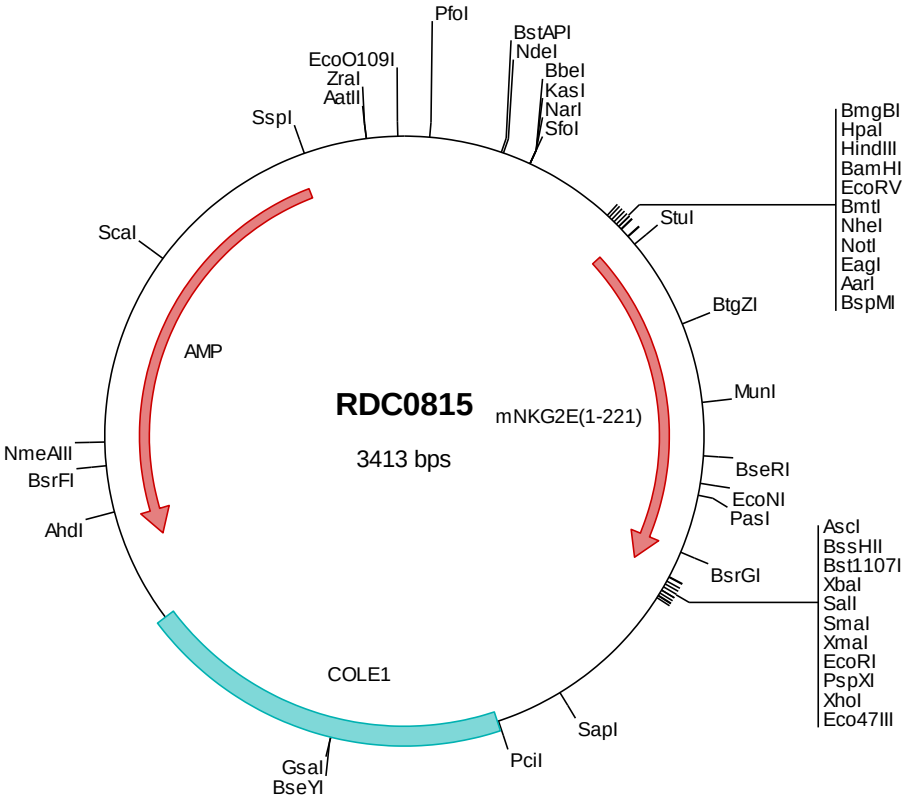
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*NKG2E cDNA Plasmid

Klrc3 killer cell lectin-like receptor subfamily C, member 3 [*Mus musculus* (house mouse)]

Also known as: Klrc2; Nkg2e

Summary:
The heterodimeric CD94/NKG2A receptor, expressed by mouse natural killer (NK) cells, transduces inhibitory signals upon recognition of its ligand. Two additional receptors, CD94/NKG2C and CD94/NKG2E, also bind the same ligand but contain features that suggest that they may be activating receptors.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0815 Plasmid DNA Sequence

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 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgagtcacc tgcttggaac tgaacaggcc tcagaaccca ggaaagccac
 501  aaagaaaacc caggcgcagc tccgtttcag taatgcagca ggagatcgcc tgctggagtt tagccttcaa catgcttccc agaagcatct gaaggccagc
 601  aggcatggct actgcaaaaa ttttgcatca cctccagaga agctcatcgc tggaatcctg ggcaccatct ggtttacctt attgattgct ctagtaatct
 701  caaccagaat tgtttctcca tatataaacc acagtctatc ttcagcacaa acttatgctc tttgtccaaa ggaatggatc ttatattctc acaattgtta
 801  ttacattggc atggaaagaa aatcttggaa tgacagtttg gtgtcctgca tttccaaaaa ctgtagtctg ctttatatag acagtgaaga ggagcaggac
 901  tttctgcaat ccctttcact ggtctcatgg actggaatcc ttcggaaggg cagaggtcag ccctgggtct ggaaaaaaga ctcaactttc aaaccaaaga
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1101  taaattcccc atctaaaggc gcgccagtat actctagagt cgacacccgg ggaattcctc gagcgctcgt ctctagcttg gcgtaatcat ggtcatagct
1201  gtttcctgtg tgaaattgtt atccgctcac aattccacac aacatacgag ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc
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1901  cttgagtcca acccggtaag acacgactta tcgccactgg cagcagccac tggtaacagg attagcagag cgaggtatgt aggcggtgct acagagttct
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2101  atccggcaaa caaaccaccg ctggtagcgg tggttttttt gtttgcaagc agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt
2201  tctacggggt ctgacgctca gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa ggatcttcac ctagatcctt ttaaattaaa
2301  aatgaagttt taaatcaatc taaagtatat atgagtaaac ttggtctgac agttaccaat gcttaatcag tgaggcacct atctcagcga tctgtctatt
2401  tcgttcatcc atagttgcct gactccccgt cgtgtagata actacgatac gggagggctt accatctggc cccagtgctg caatgatacc gcgagaccca
2501  cgctcaccgg ctccagattt atcagcaata aaccagccag ccggaagggc cgagcgcaga agtggtcctg caactttatc cgcctccatc cagtctatta
2601  attgttgccg ggaagctaga gtaagtagtt cgccagttaa tagtttgcgc aacgttgttg ccattgctac aggcatcgtg gtgtcacgct cgtcgtttgg
2701  tatggcttca ttcagctccg gttcccaacg atcaaggcga gttacatgat cccccatgtt gtgcaaaaaa gcggttagct ccttcggtcc tccgatcgtt
2801  gtcagaagta agttggccgc agtgttatca ctcatggtta tggcagcact gcataattct cttactgtca tgccatccgt aagatgcttt tctgtgactg
2901  gtgagtactc aaccaagtca ttctgagaat agtgtatgcg gcgaccgagt tgctcttgcc cggcgtcaat acgggataat accgcgccac atagcagaac
3001  tttaaaagtg ctcatcattg gaaaacgttc ttcggggcga aaactctcaa ggatcttacc gctgttgaga tccagttcga tgtaacccac tcgtgcaccc
3101  aactgatctt cagcatcttt tactttcacc agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg caaaaaaggg aataagggcg acacggaaat
3201  gttgaatact catactcttc ctttttcaat attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa
3301  acaaataggg gttccgcgca catttccccg aaaagtgcca cctgacgtct aagaaaccat tattatcatg acattaacct ataaaaatag gcgtatcacg
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> RDC0815 Translated Insert Sequence

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201  gltadscttl hpylckckfp i
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