*cyno*CD160 VersaClone cDNA

Catalog Number: RDC2890

Specifications:

Gene:	*cyno*CD160
Accession:	XP_005542178
Insert size:	559bp
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.

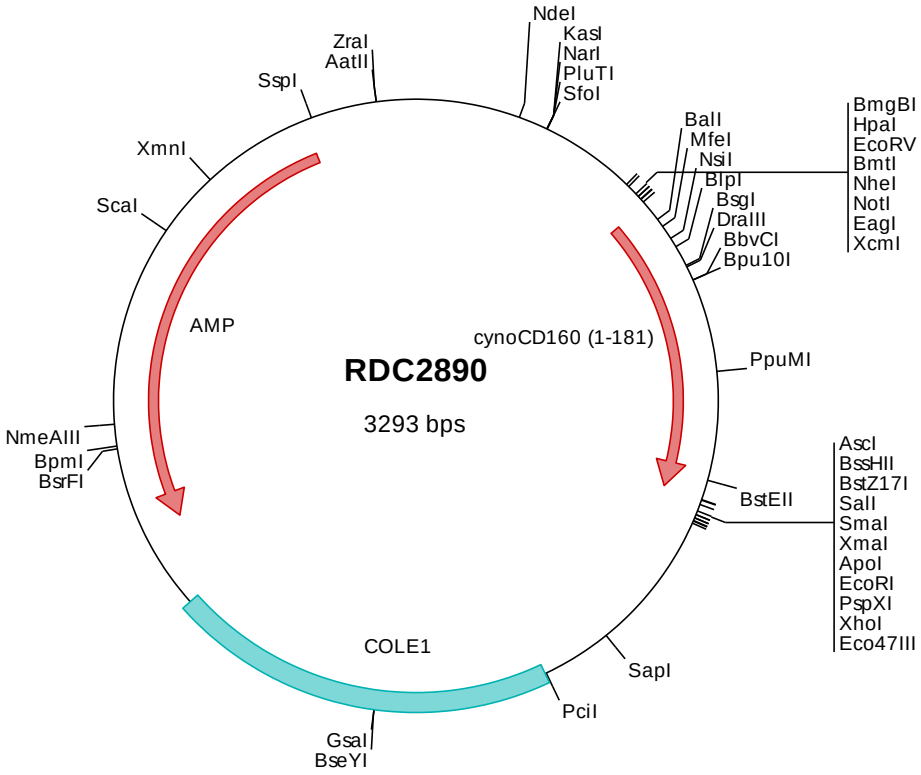
Preparation and Storage

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.

*cyno*CD160 cDNA Plasmid

CD160 CD160 molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:
CD160 is a member of the immunoglobulin superfamily. It is expressed on select hematopoietic cell types, including $CD56^{dim}$ $CD16^{+}$ cytotoxic NK cells, $CD8^{+}$ $CD28^{-}$ effector T cells, δ/ gamma T cells, and restricted $CD4^{+}$ T cells. It is a receptor for HLA-C molecules, and its engagement induces $CD160^{+}$ NK cells to both secrete IFN-gamma plus TNF-alpha and initiate a cytotoxic program.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC2890 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 atgctgatgg aaactggcag aggctgctgt gccctggcca tcctgctggc
 501  aattgtggac atccagtctg gtggatgcat taacatcacc agctcagctt tccaggaagg aacacaactg aacttaatct gcactgtgtg gcataagaaa
 601  gaagaggctg aggggttggt agtgtttttg tgcaaggaca attctagaga ctgttttcct gagaccagtt taaaacagct gagacttaaa agggatcctg
 701  ggatagatgg tgttggtgaa atatcatctg agttagtgtt caccataagc caagtcacac cgtcgcacag tgggacctac cagtgttgtg ccacaagcca
 801  gaagtcaggt atccgccttc agggccattt cttctccctt ctagtcacag agacagggaa ctacacagtg acgggactga aacaaagaca acaccttgag
 901  ttcagccata atgaaggcac tctcagttca ggcttcctac aagaaaaggt ctgggtaatg ctggtcacca gcctcgtggt ccttcaagct ttgtaaaggc
1001  gcgccagtat actctagagt cgacacccgg ggaattcctc gagcgctcgt ctctagcttg gcgtaatcat ggtcatagct gtttcctgtg tgaaattgtt
1101  atccgctcac aattccacac aacatacgag ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg cgttgcgctc
1201  actgcccgct ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa tcggccaacg cgcggggaga ggcggtttgc gtattgggcg ctcttccgct
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1401  acgcaggaaa gaacatgtga gcaaaaggcc agcaaaaggc caggaaccgt aaaaaggccg cgttgctggc gtttttccat aggctccgcc cccctgacga
1501  gcatcacaaa aatcgacgct caagtcagag gtggcgaaac ccgacaggac tataaagata ccaggcgttt cccccctggaa gctccctcgt gcgctctcct
1601  gttccgaccc tgccgcttac cggatacctg tccgcctttc tcccttcggg aagcgtggcg ctttctcaat gctcacgctg taggtatctc agttcggtgt
1701  aggtcgttcg ctccaagctg ggctgtgtgc acgaaccccc cgttcagccc gaccgctgcg ccttatccgg taactatcgt cttgagtcca acccggtaag
1801  acacgactta tcgccactgg cagcagccac tggtaacagg attagcagag cgaggtatgt aggcggtgct acagagttct tgaagtggtg gcctaactac
1901  ggctacacta gaaggacagt atttggtatc tgcgctctgc tgaagccagt taccttcgga aaaagagttg gtagctcttg atccggcaaa caaaccaccg
2001  ctggtagcgg tggttttttt gtttgcaagc agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt ctgacgctca
2101  gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa ggatcttcac ctagatcctt ttaaattaaa aatgaagttt taaatcaatc
2201  taaagtatat atgagtaaac ttggtctgac agttaccaat gcttaatcag tgaggcacct atctcagcga tctgtctatt tcgttcatcc atagttgcct
2301  gactccccgt cgtgtagata actacgatac gggagggctt accatctggc cccagtgctg caatgatacc gcgagaccca cgctcaccgg ctccagattt
2401  atcagcaata aaccagccag ccggaagggc cgagcgcaga agtggtcctg caactttatc cgcctccatc cagtctatta attgttgccg ggaagctaga
2501  gtaagtagtt cgccagttaa tagtttgcgc aacgttgttg ccattgctac aggcatcgtg gtgtcacgct cgtcgtttgg tatggcttca ttcagctccg
2601  gttcccaacg atcaaggcga gttacatgat cccccatgtt gtgcaaaaaa gcggttagct ccttcggtcc tccgatcgtt gtcagaagta agttggccgc
2701  agtgttatca ctcatggtta tggcagcact gcataattct cttactgtca tgccatccgt aagatgcttt tctgtgactg gtgagtactc aaccaagtca
2801  ttctgagaat agtgtatgcg gcgaccgagt tgctcttgcc cggcgtcaat acgggataat accgcgccac atagcagaac tttaaaagtg ctcatcattg
2901  gaaaacgttc ttcggggcga aaactctcaa ggatcttacc gctgttgaga tccagttcga tgtaacccac tcgtgcaccc aactgatctt cagcatcttt
3001  tactttcacc agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg caaaaaaggg aataagggcg acacggaaat gttgaatact catactcttc
3101  ctttttcaat attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa acaaataggg gttccgcgca
3201  catttccccg aaaagtgcca cctgacgtct aagaaaccat tattatcatg acattaacct ataaaaatag gcgtatcacg aggccctttc gtc
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> RDC2890 Translated Insert Sequence

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101  qvtpshsgty qccatsqksg irlqghffsl lvtetgnytv tglkqrqhle fshnegtlss gflqekvwvm lvtslvvlqa l
```