*cyno*CD3γ VersaClone cDNA

Catalog Number: RDC3135

Specifications:

Gene:	*cyno*CD3G
Accession:	NP_001270839.1
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.

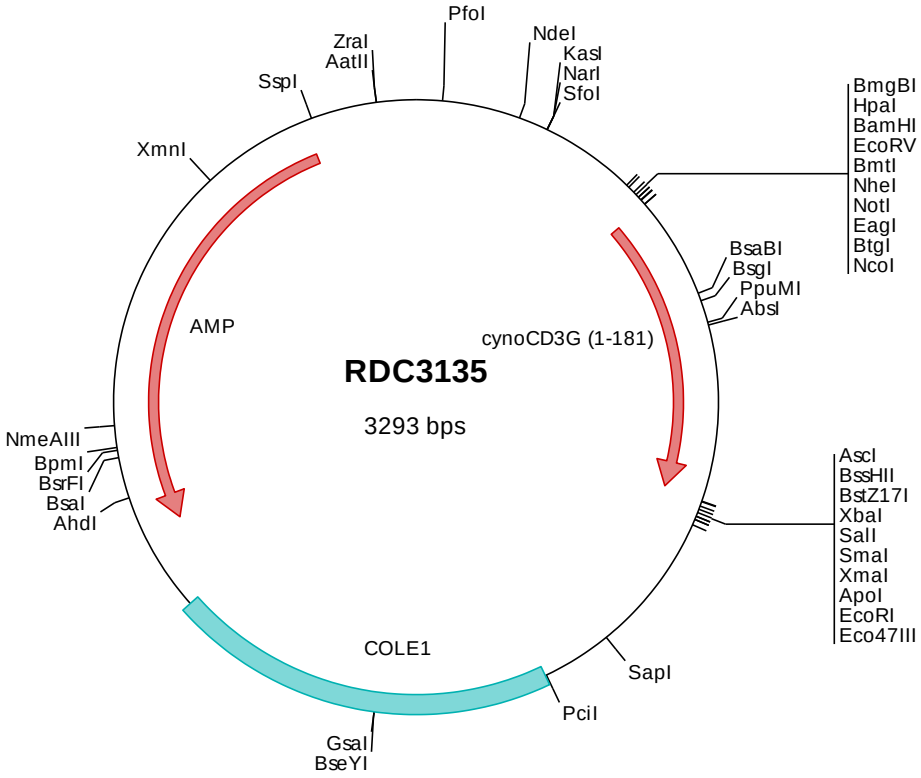
Preparation and Storage

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*CD3γ cDNA Plasmid

CD3G CD3g molecule [*Macaca fascicularis* (crab-eating macaque)]

Summary:
CD3G is the CD3-gamma polypeptide, which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, forms the T-cell receptor-CD3 complex. This complex plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Defects in CD3G are associated with T cell immunodeficiency.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

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> RDC3135 Plasmid DNA Sequence

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   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 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 atggttcagg ggaagggcct gactggcttc atcctggcta tcattcttct
 501  tcaaggtagt ttggcccaat catttgaaga aaaccgcaag cttaacgtgt ataaccaaga agatggttca gtacttctga cttgtcatgt gaaaaacaca
 601  aatatcacat ggtttaaaga agggaagatg atagacatcc taactgcaca taaaaataaa tggaatctgg gaagtaatac caaggaccct cgaggggtgt
 701  atcagtgtaa aggatcaaag gacaagtcaa aaacactcca agtgtattac agaatgtgtc agaactgcat tgaactaaat gcagccacca tattgggctt
 801  tgtctttgct gaaatcatca gcattttctt ccttgctgtt ggggtctact tcattgctgg acaggatgga gttcgccagt caagagcttc agacaagcag
 901  actctgctgc ctaatgacca gctctaccag cccctcaagg atcgagaaga tgaccagtac agtcaccttc aagggaacca gttgaggatg aattaaaggc
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 ccccctggaa gctccctcgt gcgctctcct
1601  gttccgaccc tgccgcttac cggatacctg tccgcctttc tcccttcggg aagcgtggcg ctttctcaat gctcacgctg taggtatctc agttcggtgt
1701  aggtcgttcg ctccaagctg ggctgtgtgc acgaacccca 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
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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 caaaaagggg aataagggcg acacggaaat gttgaatact catactcttc
3101  ctttttcaat attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa acaaataggg gttccgcgca
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> RDC3135 Translated Insert Sequence

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101  rmcqncieln aatilgfvfa eiisifflav gvyfiagqdg vrqsrasdkq tllpndqlyq plkdreddqy shlqgnqlrm n
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