# *cyno*CD79B VersaClone cDNA

**Catalog Number: RDC2835**

**Specifications:**

| | |
|---|---|
| Gene: | *cyno*CD79B |
| Accession: | XP_005584742 |
| Insert size: | 709bp |
| 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.

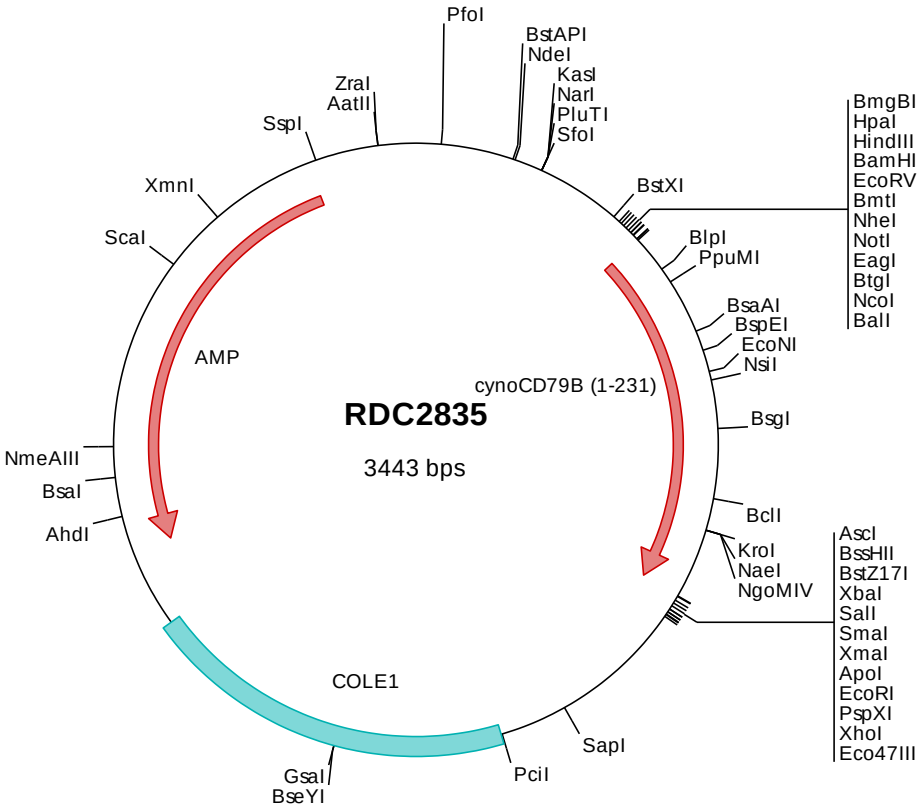
## Preparation and Storage

| | |
|---|---|
| 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*CD79B cDNA Plasmid

**CD79B CD79b molecule [ *Macaca fascicularis* (crab-eating macaque) ]**


**Summary:**
CD79B is a member of the Ig-Superfamily. It is expressed on B cells, and forms a covalent heterodimer with CD79A. This complex interacts noncovalently with membrane Ig, forming the B cell antigen receptor. Within this complex, membrane Ig detects antigen while CD79A:B initiates signaling.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NOT FOR USE IN HUMANS

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## > RDC2835 Plasmid DNA Sequence

```
   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 atggccaggc tggcgttgtc tcctgtgtcc agccactggc tggtggcgtt
 501  gctgctgctg ctctcagcag ctgagccagt gccagcagcc aaatcagagg acctgtaccc gaatcccaaa ggtagtgctt gttctcggat ctggcagagc
 601  ccacgtttca tagccaggaa acggggcttc acggtgaaaa tgcactgcta cgtgaccaac agcaccttca gcatcgtgag ctggctccgg aagcgggaga
 701  cggacaagga gccccaacag gtgaacctgg agcagggcca catgcatcag acccaaaaca gctctgtcac caccctcatc atccaagaca tccggtttga
 801  ggacaacggc atctacttct gtcagcagga gtgcagcaag acctcggagg tctaccgggg ctgcggcacg gagctgcgag tcatggggtt cagcaccttg
 901  gcacagctga agcagaggaa cacgctgaag gatggcatca tcatgatcca gacgctgctg atcatcctct tcatcatcgt gcccatcttc ctgctgctgg
1001  acaaggatga cagcaaggcc ggcatggagg aagatcacac ctacgagggc ctggacattg accagacggc cacctacgag gacatagtga cgctgcggac
1101  aggggaagtg aagtggtctg tgggtgagca cccaggtcag gagtaaaggc gcgccagtat actctagagt cgacacccgg ggaattcctc gagcgctcgt
1201  ctctagcttg gcgtaatcat ggtcatagct gtttcctgtg tgaaattgtt atccgctcac aattccacac aacatacgag ccggaagcat aaagtgtaaa
1301  gcctggggtg cctaatgagt gagctaactc acattaattg cgttgcgctc actgcccgct ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa
1401  tcggccaacg cgcggggaga ggcggtttgc gtattgggcg ctcttccgct tcctcgctca ctgactcgct gcgctcggtc gttcggctgc ggcgagcggt
1501  atcagctcac tcaaaggcgg taatacggtt atccacagaa tcaggggata acgcaggaaa gaacatgtga gcaaaaggcc agcaaaaggc caggaaccgt
1601  aaaaaggccg cgttgctggc gtttttccat aggctccgcc cccctgacga gcatcacaaa aatcgacgct caagtcagag gtggcgaaac ccgacaggac
1701  tataaagata ccaggcgttt ccccctggaa gctccctcgt gcgctctcct gttccgaccc tgccgcttac cggatacctg tccgcctttc tcccttcggg
1801  aagcgtggcg ctttctcaat gctcacgctg taggtatctc agttcggtgt aggtcgttcg ctccaagctg ggctgtgtgc acgaaccccc cgttcagccc
1901  gaccgctgcg ccttatccgg taactatcgt cttgagtcca acccggtaag acacgactta tcgccactgg cagcagccac tggtaacagg attagcagag
2001  cgaggtatgt aggcggtgct acagagttct tgaagtggtg gcctaactac ggctacacta gaaggacagt atttggtatc tgcgctctgc tgaagccagt
2101  taccttcgga aaaagagttg gtagctcttg atccggcaaa caaaccaccg ctggtagcgg tggttttttt gtttgcaagc agcagattac gcgcagaaaa
2201  aaaggatctc aagaagatcc tttgatcttt tctacggggt ctgacgctca gtggaacgaa aactcacgtt aagggatttt ggtcatgaga ttatcaaaaa
2301  ggatcttcac ctagatcctt ttaaattaaa aatgaagttt taaatcaatc taaagtatat atgagtaaac ttggtctgac agttaccaat gcttaatcag
2401  tgaggcacct atctcagcga tctgtctatt tcgttcatcc atagttgcct gactccccgt cgtgtagata actacgatac gggagggctt accatctggc
2501  cccagtgctg caatgatacc gcgagaccca cgctcaccgg ctccagattt atcagcaata aaccagccag ccggaagggc cgagcgcaga agtggtcctg
2601  caactttatc cgcctccatc cagtctatta attgttgccg ggaagctaga gtaagtagtt cgccagttaa tagtttgcgc aacgttgttg ccattgctac
2701  aggcatcgtg gtgtcacgct cgtcgtttgg tatggcttca ttcagctccg gttcccaacg atcaaggcga gttacatgat cccccatgtt gtgcaaaaaa
2801  gcggttagct ccttcggtcc tccgatcgtt gtcagaagta agttggccgc agtgttatca ctcatggtta tggcagcact gcataattct cttactgtca
2901  tgccatccgt aagatgcttt tctgtgactg gtgagtactc aaccaagtca ttctgagaat agtgtatgcg gcgaccgagt tgctcttgcc cggcgtcaat
3001  acgggataat accgcgccac atagcagaac tttaaaagtg ctcatcattg gaaaacgttc ttcggggcga aaactctcaa ggatcttacc gctgttgaga
3101  tccagttcga tgtaacccac tcgtgcaccc aactgatctt cagcatcttt tactttcacc agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg
3201  caaaaaaggg aataagggcg acacggaaat gttgaatact catactcttc ctttttcaat attattgaag catttatcag ggttattgtc tcatgagcgg
3301  atacatattt gaatgtattt agaaaaataa acaaataggg gttccgcgca catttccccg aaaagtgcca cctgacgtct aagaaaccat tattatcatg
3401  acattaacct ataaaaatag gcgtatcacg aggccctttc gtc
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## > RDC2835 Translated Insert Sequence

```
  1  marlalspvs shwlvallll lsaaepvpaa ksedlypnpk gsacsriwqs prfiarkrgf tvkmhcyvtn stfsivswlr kretdkepqq vnleqghmhq
101  tqnssvttli iqdirfedng iyfcqqecsk tsevyrgcgt elrvmgfstl aqlkqrntlk dgiimiqtll iilfiivpif llldkddska gmeedhtyeg
201  ldidqtatye divtlrtgev kwsvgehpgq e
```