*ca*CD47 VersaClone cDNA

Catalog Number: RDC3119

Specifications:

Gene:	*ca*CD47
Accession:	NP_001074190.1
Insert size:	925bp
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

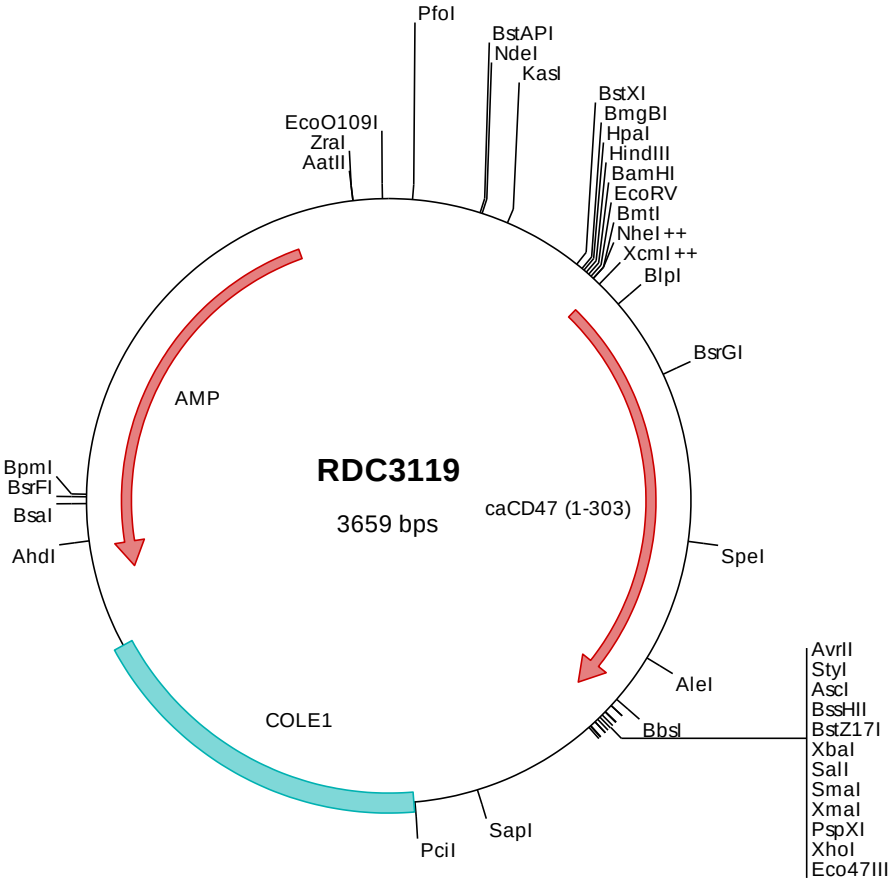
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*ca*CD47 cDNA Plasmid

CD47 CD47 molecule [*Canis lupus familiaris* (dog)]

Summary:

CD47 is a membrane protein, which is involved in the increase in intracellular calcium concentration that occurs upon cell adhesion to extracellular matrix. It is also a receptor for the C-terminal cell binding domain of thrombospondin, and it may play a role in membrane transport and signal transduction.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
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> RDC3119 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 atgtggcccc tggcggcgct gctgctgctg ggctcggcga gctgcggttc
 501  ggctcagcta atatttaaca taaccaaatc tgtagaatac actgcttgca atgaaagtgt tatcatccca tgctttgtta ataatgtgga ggccacaaac
 601  attaatgaga tgtatgtaaa gtggaaattt agaggaaaag acatcttcac ctttgatgga gctgtacaaa agaccactca cggtgataag tttaagagta
 701  caaaaatcgt accacagaaa ttactgaatg gcattgcctc tttggagatg agtaaggaag aagctgttgt aggaaactat acttgtgaag ttactgaatt
 801  aagcagagaa ggcgaaacca tcatagaatt aaaatatcga attgtttcat ggtttttctcc aaatgaaaat atcctcattg ttatttttccc aattttggct
 901  gtacttctgt cttggggaca gtttggtatt gtgacaatta aatataaatc cagtattatg aaggagaaaa ccatttttttt atttgttggt ggactagtgc
1001  tcactatagt tgtcattgtc ggagccattc ttttcgtccc aggtgaatat tcaacaaaga attcttgtgg acttggttta attgtaattc ctacagtaat
1101  attaacatta cttcagtact gtgtgtttat gataggtgtt tggatgtctc ctttcaccat tgccatatta atccttcagg tactgggcta tgtgctctct
1201  gtggttggac taagcctctg tgtctcagag tgcaccccag tgcatggccc tcttctgatt tcaggtttgg gtattatagc tctagcagaa ttacttggat
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1401  ttcctcgagc gctcgtctct agcttggcgt aatcatggtc atagctgttt cctgtgtgaa attgttatcc gctcacaatt ccacacaaca tacgagccgg
1501  aagcataaag tgtaaagcct ggggtgccta atgagtgagc taactcacat taattgcgtt gcgctcactg cccgctttcc agtcgggaaa cctgtcgtgc
1601  cagctgcatt aatgaatcgg ccaacgcgcg gggagaggcg gtttgcgtat tgggcgctct tccgcttcct cgctcactga ctcgctgcgc tcggtcgttc
1701  ggctgcggcg agcggtatca gctcactcaa aggcggtaat acggttatcc acagaatcag gggataacgc aggaaagaac atgtgagcaa aaggccagca
1801  aaaggccagg aaccgtaaaa aggccgcgtt gctggcgttt ttccataggc tccgcccccc tgacgagcat cacaaaaatc gacgctcaag tcagaggtgg
1901  cgaaacccga caggactata aagataccag gcgtttcccc ctggaagctc cctcgtgcgc tctcctgttc cgaccctgcc gcttaccgga tacctgtccg
2001  cctttctccc ttcgggaagc gtggcgcttt ctcaatgctc acgctgtagg tatctcagtt cggtgtaggt cgttcgctcc aagctgggct gtgtgcacga
2101  accccccgtt cagcccgacc gctgcgcctt atccggtaac tatcgtcttg agtccaaccc ggtaagacac gacttatcgc cactggcagc agccactggt
2201  aacaggatta gcagagcgag gtatgtaggc ggtgctacag agttcttgaa gtggtggcct aactacggct acactagaag gacagtattt ggtatctgcg
2301  ctctgctgaa gccagttacc ttcggaaaaa gagttggtag ctcttgatcc ggcaaacaaa ccaccgctgg tagcggtggt ttttttgttt gcaagcagca
2401  gattacgcgc agaaaaaaag gatctcaaga agatcctttg atcttttcta cggggtctga cgctcagtgg aacgaaaact cacgttaagg gattttggtc
2501  atgagattat caaaaaggat cttcacctag atccttttaa attaaaaatg aagttttaaa tcaatctaaa gtatatatga gtaaacttgg tctgacagtt
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2701  gggcttacca tctggcccca gtgctgcaat gataccgcga gacccacgct caccggctcc agatttatca gcaataaacc agccagccgg aagggccgag
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2901  ttgttgccat tgctacaggc atcgtggtgt cacgctcgtc gtttggtatg gcttcattca gctccggttc ccaacgatca aggcgagtta catgatcccc
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3101  aattctctta ctgtcatgcc atccgtaaga tgcttttctg tgactggtga gtactcaacc aagtcattct gagaatagtg tatgcggcga ccgagttgct
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3501  attgtctcat gagcggatac atatttgaat gtatttagaa aaataaacaa ataggggttc cgcgcacatt tccccgaaaa gtgccacctg acgtctaaga
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> RDC3119 Translated Insert Sequence

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 101  skeeavvgny tcevtelsre getiielkyr ivswfspnen ilivifpila vllswgqfgi vtikykssim kektiflfvg glvltivviv gailfvpgey
 201  stknscglgl iviptviltl lqycvfmigv wmspftiail ilqvlgyvls vvglslcvse ctpvhgplli sglgiialae llglvymklv asnqktiqpp
 301  rsn
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