

Specifications:

Gene:	cynoLOC102117861
Accession:	Unique
Insert size:	292bp
Concentration:	10 μ g at 0.2 μ g/ μ L

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

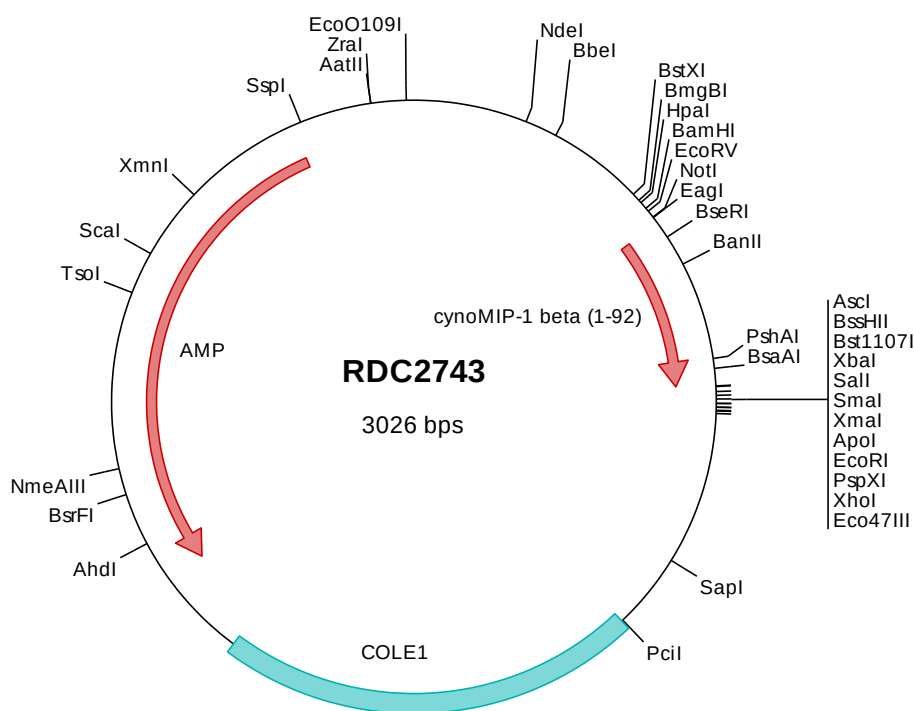
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

cynoCCL4/MIP-1 β cDNA Plasmid

LOC102117861 C-C motif
chemokine 4 [*Macaca fascicularis* (crab-eating macaque)]

Summary:

CCL4 is a member of the CC or beta chemokine subfamily. CCL4 is expressed primarily by T cells, B cells, and monocytes after antigen or mitogen stimulation. The functional receptor for CCL4 has been identified as CCR5.



> RDC2743 Plasmid DNA Sequence

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1   tcgcgcgcttt cggatgatgac ggtgaaaaacc tctgacacat gcagctcccc gagacggtca cagcttgctct gtaagcggat gccgggagca gacaagcccg
101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg ctttaactat cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
201  ccgcacacgat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctcgcc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaagg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaaatt
401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgcaccc atgaagctgt gcgtgactgt cctgtctctc ctgcgcgtag cagctgcctt
501  ctgctctcca gcactctcag caccaatggg ctcagaccct cccacctcct gctgcttttc ttacaccgtg aggaagcttc ctgcacactt tgtggtagat
601  tactacgaga ccagcagcct ctgctcccag ccagctgttg tattccaaac caaaagaggg aagcaagtct gcgctgaccc cagtgcagacc tgggtccagg
701  agtacgtgta tgacctggaa ctgaaactaaa ggccgcgcag tatactctag agtcgacacc cggggaatto ctgcagcgct cgtctctagc ttggcgtaat
801  catggtcata gctgtttcct ggtgaaatt gttatccgct cacaattcca cacaacatac gagccggaag cataaagtgt aaagcctggg gtgcctaattg
901  agtgagctaa ctcacattaa ttgcgttggc ctcactgccc gctttccagt cgggaaacct gtcgtgccag ctgcattaat gaatcggcca acgcgcgggg
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1201 ggcggttttc cataggtccc gccccctga cgagcatcac aaaaatcgac gctcaagtca gaggtggcga aaccgcagac gactataaag ataccaggcg
1301 ttcccccttg gaagctccct cgtgctctct cctgttccga cctgcgcgct taccggatac ctgtccgctt ttctcccttc gggaaagcgtg gcgctttctc
1401 aatgctcagc ctgtaggtag ctcagttcgg tgtaggctgt tcgctccaag ctgggctgtg tgcacgaaac ccccgttcag cccgaccgct gcgccttate
1501 cggtaactat cgtcttgagt ccaaccgggt aagacacgac ttatcgccac tggcagcagc cactggtaac aggtattgca gagcagggtg ttaggcgggt
1601 gctacagagt tcttgaagtg gtggcctaac tacggctaca ctagaaggac agtatttggg atctgcgctc tgcgtgaagcc agttaccttc ggaagagag
1701 ttggtagctc ttgatccggc aaacaaacca ccgctggtag cgggtggttt tttgtttgca agcagcagat tacgcgcaga aaaaaaggat ctcaagaaga
1801 tcctttgata ttttctacgg ggtctgacgc tcagtggaaac gaaaactcac gttaagggtat tttggtcatg agattatcaa aaaggatctt cacctagatc
1901 ctttttaatt aaaaatgaag ttttaaatca atctaaagta tataatagta aacttggctc gacagttacc aatgcttaat cagtgcaggc cctatctcag
2001 cgatctgtct atttcttca tccatagttg cctgactccc cgtcgtgtag ataactacga tacgggaggg cttaccatct ggccccagtg ctgcaatgat
2101 accgcgagac ccacgctcac cggctccaga tttatcagca ataaccagc cagccggaag gcccgagcgc agaagtggc ctgcaacttt atccgcctcc
2201 atccagctca ttaattgttg ccgggaagct agagtaagta gttcgccagt taatagtgtt gcacaagtgt ttgccattgc tacaggcatc gtggtgtcac
2301 gctcgtcgtt tgggtatggt tcattcagct ccggttccca acgatcaagg cgagttacat gatccccc atgtgtgcaaa aaagcgggta gctccttcg
2401 tcctccgata gttgtcagaa gtaagtggc cgcagtgtta tcaactatg ttatggcagc actgcataat tctcttactg tcatgccatc cgtaatatgc
2501 ttttctgtga cgtgtgagta ctcaaccaag tcattctgag aatagtgtat gcggcgaccg agttgctctt gcccggcgtc aatacgggat aataccgcgc
2601 cacatagcag aactttaaaa gtgctcatca ttggaacacg ttcttcgggg cgaaaactct caaggatctt accgctgttg agatccagtt cgtatgaacc
2701 cactcgtgca cccaactgat cttcagcatc ttttactttc accagcggtt ctgggtgagc aaaaacagga aggcataaat ccgcaaaaaa gggaataagg
2801 gcgacacgga aatgttgaat actcatactc ttcccttttc aatattatg aagcatttat cagggttatt gtctcatgag cggatacata tttgaatgta
2901 tttagaaaaa taaacaaata ggggttccgc gcacatttcc ccgaaaagtg ccacctgacg tctaagaaac cattattatc atgcatttaa cctataaaaa
3001 taggcgtatc acgaggccct ttgcgc

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> RDC2743 Translated Insert Sequence

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1   mklcvtvlsl lalaaafcsp alsapmgsdp ptsccfsytv rklprnfvvd yyetsslcsq pavvfqtkrg kqvcadpset wvqeyvydle ln

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