*m*CCR3 VersaClone cDNA

Catalog Number: RDC0007

Specifications:

Gene:	*m*CCR3
Accession:	AAA86118
Insert size:	1093bp
Package size:	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

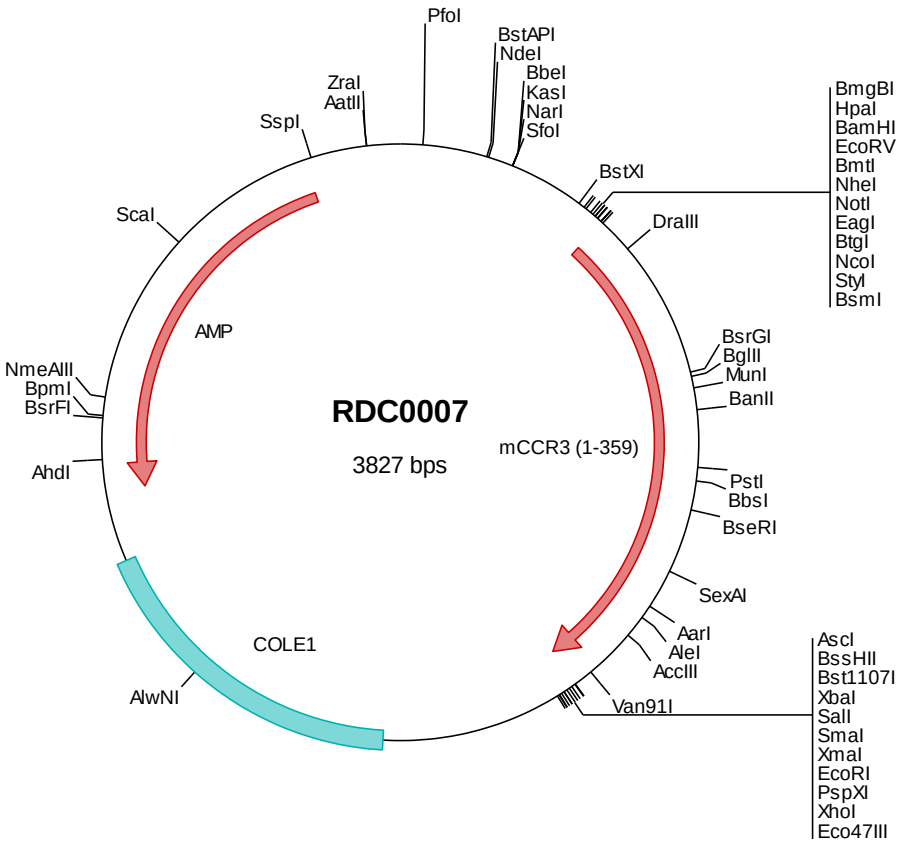
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*m*CCR3 cDNA Plasmid

Ccr3 chemokine (C-C motif) receptor 3 [*Mus musculus*]

Also known as: CKR3; Cmkbr3; CC-CKR3; Cmkbr1l2

Summary:
CCR3 is a G protein-linked seven transmembrane domain spanning receptor that binds to eotaxin, MCP-3, MCP-4 and RANTES. It transduces a signal by increasing the intracellular calcium ions level. It is expressed in skeletal muscle and in trace amounts in leukocytes. The CCR3/eotaxin pathway is involved in the regulation of allergen-driven in situ haematopoiesis in the lungs.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0007 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
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 501  cacaccctat gaatatgagt gggcaccacc ctgtgaaaaa gtcagaatca aagagctggg gtcatggctc ctgcctccac tgtactccct ggtgttcatc
 601  atcggcctcc tgggcaacat gatggttgtg ttgatcctca taaagtacag gaagctacaa attatgacta atatctacct gttcaacttg gcaatttctg
 701  acctgctctt tctcttcact gtcccattct ggattcacta tgttctgtgg aatgagtggg gttttggcca ctacatgtgc aaaatgctgt ctgggtttta
 801  ttacctggcc ttgtacagcg agatcttttt catcatcctg ctgacaattg acagatacct ggctatcgtc catgctgtgt ttgcccttcg agcccgaact
 901  gtgacttttg ctactatcac cagtatcatt acctggggcc ttgcaggact ggcagcattg cctgaattta tcttccatga gtctcaagac agctttggag
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1801  gagaggcggt ttgcgtattg ggcgctcttc cgcttcctcg ctcactgact cgctgcgctc ggtcgttcgg ctgcggcgag cggtatcagc tcactcaaag
1901  gcggtaatac ggttatccac agaatcaggg gataacgcag gaaagaacat gtgagcaaaa ggccagcaaa aggccaggaa ccgtaaaaag gccgcgttgc
2001  tggcgttttt ccataggctc cgcccccctg acgagcatca caaaaatcga cgctcaagtc agaggtggcg aaacccgaca ggactataaa gataccaggc
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2801  gcgatctgtc tatttcgttc atccatagtt gcctgactcc ccgtcgtgta gataactacg atacgggagg gcttaccatc tggccccagt gctgcaatga
2901  taccgcgaga cccacgctca ccggctccag atttatcagc aataaaccag ccagccggaa gggccgagcg cagaagtggt cctgcaactt tatccgcctc
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3101  cgctcgtcgt ttggtatggc ttcattcagc tccggttccc aacgatcaag gcgagttaca tgatccccca tgttgtgcaa aaaagcggtt agctccttcg
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3601  ggcgacacgg aaatgttgaa tactcatact cttcctttt caatattatt gaagcattta tcagggttat tgtctcatga gcggatacat atttgaatgt
3701  atttagaaaa ataaacaaat aggggttccg cgcacatttc cccgaaaagt gccacctgac gtctaagaaa ccattattat catgacatta acctataaaa
3801  ataggcgtat cacgaggccc tttcgtc
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> RDC0007 Translated Insert Sequence

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 201  rfhalrmnif glalpllvmv icysgiiktl lrcpnkkkhk airlifvvmi vffifwtpyn lvllfsafhr tfletsceqs khldlamqvt eviaythccv
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