*h*CCR6 VersaClone cDNA

Catalog Number: RDC0012

Specifications:

Gene:	*h*CCR6
Accession:	NP_004358
Insert size:	1137bp
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

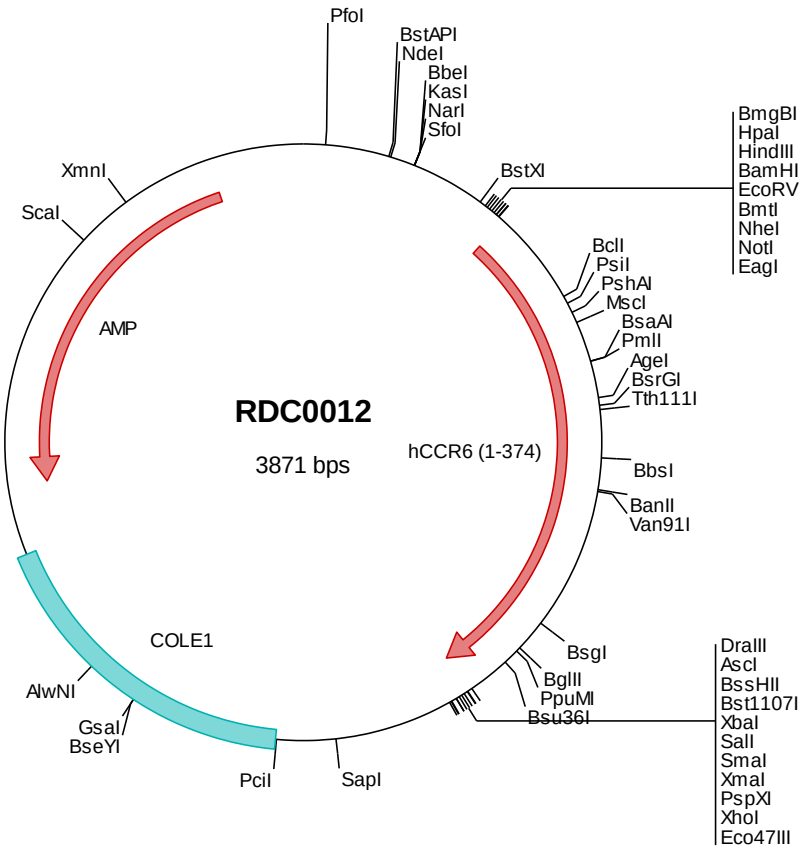
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*CCR6 cDNA Plasmid

Chemokine (C-C motif) Receptor 6 [Homo sapiens]

Also known as: BN-1; C-C CKR-6; CC-CKR-6; CCR-6; CD196; CKR-L3; CKRL3; CMKBR6; DCR2; DRY6; GPR29; GPRCY4; STRL22

Summary:
CCR6 is a G protein-linked seven transmembrane domain spanning chemokine receptor that binds the chemokine MIP-3α. It is expressed by immature dendritic cells, lymphocytes, T-cells and B-cells but not by natural killer cells, monocytes or granulocytes. CCR6 is involved in B-cell lineage maturation and differentiation. During inflammatory and immunological responses it may play a role in regulating the migration and recruitment of dendritic and T-cells.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0012 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
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atgagcgggg aatcaatgaa tttcagcgat gttttcgact ccagtgaaga
 501  ttatttcgtg tcagtcaata cttcatatta ctcagttgat tctgagatgt tactgtgctc cttgcaggag gtcaggcagt tctccaggct atttgtaccg
 601  attgcctact ccttgatctg tgtctttggc ctcctgggga atattctggt ggtgatcacc tttgcttttt ataagaaggc caggtctatg acagacgtct
 701  atctcttgaa catggccatt gcagacatcc tctttgttct tactctccca ttctgggcag tgagtcatgc cactggtgcg tgggttttca gcaatgccac
 801  gtgcaagttg ctaaaaggca tctatgccat caactttaac tgcgggatgc tgctcctgac ttgcattagc atggaccggt acatcgccat tgtacaggcg
 901  actaagtcat tccggctccg atccagaaca ctaccgcgca gcaaaatcat ctgccttgtt gtgtgggggc tgtcagtcat catctccagc tcaacttttg
1001  tcttcaacca aaaatacaac acccaaggca gcgatgtctg tgaacccaag taccagactg tctcggagcc catcaggtgg aagctgctga tgttggggct
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1201  aaagccatcc gtgtaatcat agctgtggtg cttgtgtttc tggcttgtca gattcctcat aacatggtcc tgcttgtgac ggctgcaaat ttgggtaaaa
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1701  catacgagcc ggaagcataa agtgtaaagc ctggggtgcc taatgagtga gctaactcac attaattgcg ttgcgctcac tgcccgcttt ccagtcggga
1801  aacctgtcgt gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgct cttccgcttc ctcgctcact gactcgctgc
1901  gctcggtcgt tcggctgcgg cgagcggtat cagctcactc aaaggcggta atacggttat ccacagaatc aggggataac gcaggaaaga acatgtgagc
2001  aaaaggccag caaaaggcca ggaaccgtaa aaaggccgcg ttgctggcgt ttttccatag gctccgcccc cctgacgagc atcacaaaaa tcgacgctca
2101  agtcagaggt ggcgaaaccc gacaggacta taaagatacc aggcgtttcc ccctggaagc tccctcgtgc gctctcctgt tccgaccctg ccgcttaccg
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2401  gcagccactg gtaacaggat tagcagagcg aggtatgtag gcggtgctac agagttcttg aagtggtggc ctaactacgg ctacactaga aggacagtat
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2801  ggtctgacag ttaccaatgc ttaatcagtg aggcacctat ctcagcgatc tgtctatttc gttcatccat agttgcctga ctccccgtcg tgtagataac
2901  tacgatacgg gagggcttac catctggccc cagtgctgca atgataccgc gagacccacg ctcaccggct ccagatttat cagcaataaa ccagccagcc
3001  ggaagggccg agcgcagaag tggtcctgca actttatccg cctccatcca gtctattaat tgttgccggg aagctagagt aagtagttcg ccagttaata
3101  gtttgcgcaa cgttgttgcc attgctacag gcatcgtggt gtcacgctcg tcgtttggta tggcttcatt cagctccggt tcccaacgat caaggcgagt
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3301  gcagcactgc ataattctct tactgtcatg ccatccgtaa gatgcttttc tgtgactggt gagtactcaa ccaagtcatt ctgagaatag tgtatgcggc
3401  gaccgagttg ctcttgcccg gcgtcaatac gggataatac cgcgccacat agcagaactt taaaagtgct catcattgga aaacgttctt cggggcgaaa
3501  actctcaagg atcttaccgc tgttgagatc cagttcgatg taacccactc gtgcacccaa ctgatcttca gcatctttta ctttcaccag cgtttctggg
3601  tgagcaaaaa caggaaggca aaatgccgca aaaaagggaa taagggcgac acggaaatgt tgaatactca tactcttcct ttttcaatat tattgaagca
3701  tttatcaggg ttattgtctc atgagcggat acatatttga atgtatttag aaaaataaac aaataggggt tccgcgcaca tttccccgaa aagtgccacc
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> RDC0012 Translated Insert Sequence

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 101  fwavshatga wvfsnatckl lkgiyainfn cgmllltcis mdryiaivqa tksfrlrsrt lprskiiclv vwglsviiss stfvfnqkyn tqgsdvcepk
 201  yqtvsepirw kllmlglell fgffiplmfm ifcytfivkt lvqaqnskrh kairviiavv lvflacqiph nmvllvtaan lgkmnrscqs ekligytktv
 301  tevlaflhcc lnpvlyafig qkfrnyflki lkdlwcvrrk ykssgfscag rysenisrqt setadndnas sftm
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