*h*CCR7 VersaClone cDNA

Catalog Number: RDC0014

Specifications:

Gene:	*h*CCR7
Accession:	NP_001829
Insert size:	1149bp
Package size:	10µg at 0.2µg/µL

*h*CCR7 cDNA Plasmid

Chemokine (C-C motif) Receptor 7 [Homo sapiens]

Also known as: BLR2; CD197; CDw197; CMKBR7; EBI1

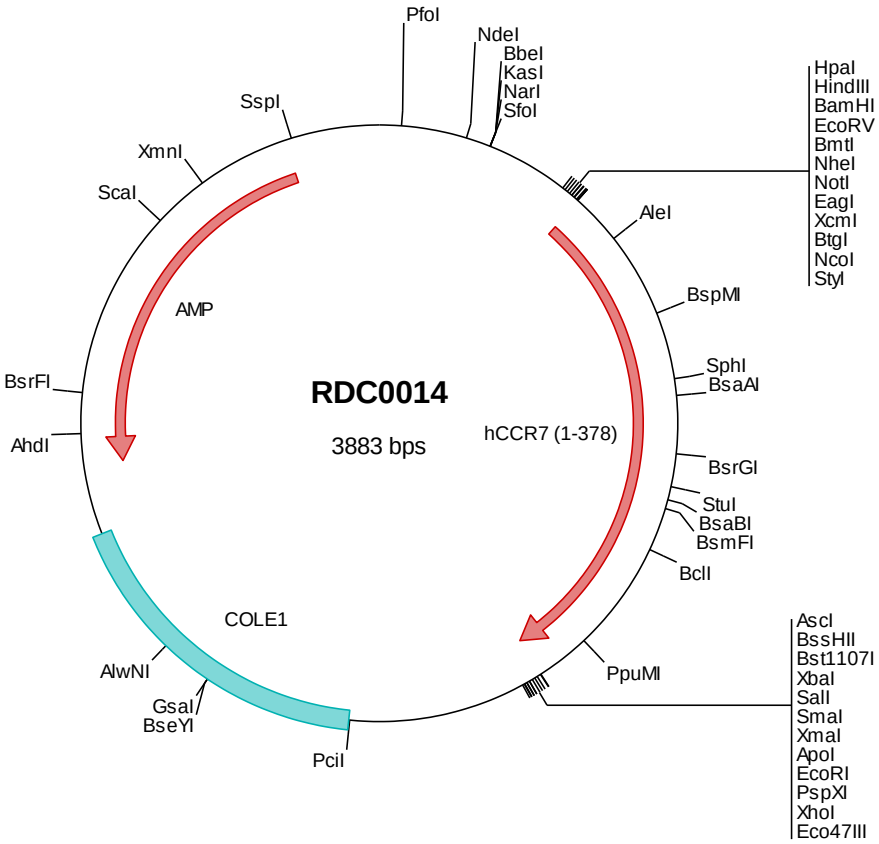
Summary:
CCR7 is a G protein-linked seven transmembrane domain spanning chemokine receptor that specifically binds CCL19/ECL. It is induced by the Epstein-Barr virus (EBV), and is thought to be a mediator of EBV effects on B lymphocytes. CCR7 is expressed in various lymphoid tissues where it activates B and T lymphocytes. It is involved in memory T-cell migration to inflamed tissues and in dendritic cell maturation.

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.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC0014 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 atggacctgg ggaaaccaat gaaaagcgtg ctggtggtgg ctctccttgt
 501  cattttccag gtatgcctgt gtcaagatga ggtcacggac gattacatcg gagacaacac cacagtggac tacactttgt tcgagtcttt gtgctccaag
 601  aaggacgtgc ggaactttaa agcctggttc ctccctatca tgtactccat catttgtttc gtgggcctac tgggcaatgg gctggtcgtg ttgacctata
 701  tctatttcaa gaggctcaag accatgaccg atacctacct gctcaacctg gcggtggcag acatcctctt cctcctgacc cttcccttct gggcctacag
 801  cgcggccaag tcctgggtct tcggtgtcca cttttgcaag ctcatctttg ccatctacaa gatgagcttc ttcagtggca tgctcctact tctttgcatc
 901  agcattgacc gctacgtggc catcgtccag gctgtctcag ctcaccgcca ccgtgcccgc gtccttctca tcagcaagct gtcctgtgtg ggcatctgga
1001  tactagccac agtgctctcc atcccagagc tcctgtacag tgacctccag aggagcagca gtgagcaagc gatgcgatgc tctctcatca cagagcatgt
1101  ggaggccttt atcaccatcc aggtggccca gatggtgatc ggctttctgg tccccctgct ggccatgagc ttctgttacc ttgtcatcat ccgcaccctg
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1301  tggcccagac ggtggccaac ttcaacatca ccagtagcac ctgtgagctc agtaagcagc tcaacatcgc ctacgacgtc acctacagcc tggcctgcgt
1401  ccgctgctgc gtcaaccctt tcttgtacgc cttcatcggc gtcaagttcc gcaacgatct cttcaagctc ttcaaggacc tgggctgcct cagtcaggag
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1701  aattccacac aacatacgag ccggaagcat aaagtgtaaa gcctggggtg cctaatgagt gagctaactc acattaattg cgttgcgctc actgcccgct
1801  ttccagtcgg gaaacctgtc gtgccagctg cattaatgaa tcggccaacg cgcggggaga ggcggtttgc gtattgggcg ctcttccgct tcctcgctca
1901  ctgactcgct gcgctcggtc gttcggctgc ggcgagcggt atcagctcac tcaaaggcgg taatacggtt atccacagaa tcaggggata acgcaggaaa
2001  gaacatgtga gcaaaaggcc agcaaaaggc caggaaccgt aaaaaggccg cgttgctggc gtttttccat aggctccgcc cccctgacga gcatcacaaa
2101  aatcgacgct caagtcagag gtggcgaaac ccgacaggac tataaagata ccaggcgttt cccctggaa gctccctcgt gcgctctcct gttccgaccc
2201  tgccgcttac cggatacctg tccgcctttc tcccttcggg aagcgtggcg ctttctcaat gctcacgctg taggtatctc agttcggtgt aggtcgttcg
2301  ctccaagctg ggctgtgtgc acgaacccca cgttcagccc gaccgctgcg ccttatccgg taactatcgt cttgagtcca acccggtaag acacgactta
2401  tcgccactgg cagcagccac tggtaacagg attagcagag cgaggtatgt aggcggtgct acagagttct tgaagtggtg gcctaactac ggctacacta
2501  gaaggacagt atttggtatc tgcgctctgc tgaagccagt taccttcgga aaaagagttg gtagctcttg atccggcaaa caaaccaccg ctggtagcgg
2601  tggttttttt gtttgcaagc agcagattac gcgcagaaaa aaaggatctc aagaagatcc tttgatcttt tctacggggt ctgacgctca gtggaacgaa
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2801  atgagtaaac ttggtctgac agttaccaat gcttaatcag tgaggcacct atctcagcga tctgtctatt tcgttcatcc atagttgcct gactccccgt
2901  cgtgtagata actacgatac gggagggctt accatctggc cccagtgctg caatgatacc gcgagaccca cgctcaccgg ctccagattt atcagcaata
3001  aaccagccag ccggaagggc cgagcgcaga agtggtcctg caactttatc cgcctccatc cagtctatta attgttgccg ggaagctaga gtaagtagtt
3101  cgccagttaa tagtttgcgc aacgttgttg ccattgctac aggcatcgtg gtgtcacgct cgtcgtttgg tatggcttca ttcagctccg gttcccaacg
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3301  ctcatggtta tggcagcact gcataattct cttactgtca tgccatccgt aagatgcttt tctgtgactg gtgagtactc aaccaagtca ttctgagaat
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3501  ttcggggcga aaactctcaa ggatcttacc gctgttgaga tccagttcga tgtaacccac tcgtgcaccc aactgatctt cagcatcttt tactttcacc
3601  agcgtttctg ggtgagcaaa aacaggaagg caaaatgccg caaaaaaggg aataagggcg acacggaaat gttgaatact catactcttc ctttttcaat
3701  attattgaag catttatcag ggttattgtc tcatgagcgg atacatattt gaatgtattt agaaaaataa acaaataggg gttccgcgca catttccccg
3801  aaaagtgcca cctgacgtct aagaaaccat tattatcatg acattaacct ataaaaatag gcgtatcacg aggccctttc gtc
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> RDC0014 Translated Insert Sequence

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 101  avadilfllt lpfwaysaak swvfgvhfck lifaiykmsf fsgmllllci sidryvaivq avsahrhrar vllisklscv giwilatvls ipellysdlq
 201  rssseqamrc slitehveaf itiqvaqmvi gflvpllams fcylviirtl lqarnfernk aikviiavvv vfivfqlpyn gvvlaqtvan fnitsstcel
 301  skqlniaydv tyslacvrcc vnpflyafig vkfrndlfkl fkdlgclsqe qlrqwsscrh irrssmsvea ettttfsp
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