

Product datasheet for **SC215242**

CCR1 (NM_001295) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CCR1 (NM_001295) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CCR1
Synonyms:	CD191; CKR-1; CKR1; CMKBR1; HM145; MIP1aR; SCYAR1
ACCN:	NM_001295
Insert Size:	1565 bp



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Insert Sequence:	<p>>SC215242 3'UTR clone of NM_001295 The sequence shown below is from the reference sequence of NM_001295. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site</p> <pre>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GGGAGCATGAACTCTCTGCTGGGTTCTGACTCAGACCATAGGAGGCCAACCCAAAATAAGCAGGCGTG ACCTGCCAGGCACACTGAGCCAGCAGCCTGGCTCTCCAGCCAGTTCTGACTCTTGGCAGCATGGA GTCACAGCCACTTGGGATAGAGAGGGAATGTAATGGTGGCCTGGGGCTTCTGAGGCTTCTGGGGCTTCA GTCTTTTCCATGAACTTCTCCCTGGTAGAAAAGATGAATGAGCAAAACCAAATATTCCAGAGACTG GGACTAAGTGTACCAGAGAAGGGCTTGGACTCAAGCAAGATTTCCAGATTTGTGACCATTAGCATTGTG AACAAAGTCAACCCACTTCCACTATTGCTTGCACAAACCAATTAACCCAGTAGTGGTGACTGTGGGCT CCATTCAAAGTGAGCTCCTAAGCCATGGGAGACACTGATGTATGAGGAATTTCTGTTCTTCCATCACCT CCCCCCCCCGCCACCCTCCACTGCCAAGAAGTTGAAATAGTGATTTCCACAGTGACTCCACTCTG AGTCCCAGAGCCAATCAGTAGCCAGCATCTGCCTCCCCTTCACTCCCACCGCAGGATTTGGGCTCTTGG AATCCTGGGGAACATAGAACTCATGACGGAAGAGTTGAGACCTAACGAGAAATAGAAATGGGGAACCTAC TGCTGGCAGTGGAACTAAGAAAGCCCTTAGGAAGAATTTTATATCCACTAAAATCAAACAATTCAGGG AGTGGGCTAAGCAGGGCCATATGAATAACATGGTGTGCTTCTTAAAATAGCCATAAAGGGGAGGGACT CATCATTTCCATTTACCTTCTTTTCTGACTATTTTTCAGAATCTCTTCTTTTCAAGTTGGGTGATA TGTTGGTAGATTCTAATGGCTTTATTGCAGCGATTAATAACAGGCAAAAGGAAGCAGGGTTGGTTTCCC TTCTTTTGTTCCTCATCTAAGCCTTCTGGTTTTATGGGTCAGAGTTCGACTGCCATCTTGGACTTGT CAGCAAAAAAAAAAATAATAATAATAAAGGCCTGCTGTGTAAGCTGACAGTATTTGTAGCTGATAG GGGGTTGGGAGGAAAGTGTCTACTAGGAGGTGGGGTGAGATTCTGTGTTGATGTAGGAGCCGAGAAG GCCCTTAAGTCAAGTAGCTTATTTATCCAAAATGTTCTGGATGCATCATCTCCAACCAAGGACCCCTT ATTTATCATGCCTTTGTTCTCTTTTCCCTCAGATGTATATTTCTTAAAAATAATTTTCTAATAACAA AACTTATTTCTAAAACAGCTTAAAAATCAAAGAAAAACCCAAACACTGACATTACCTACACTTCCAC TACCCAAAGACAAAATGTGCCACTGTGTGCTTTTGTGATATTTCTTTTAGTTTGTTTTTTGTGGG TGCATATTTATGATAATAACAATGATGGACTTCAATTGACTCACTGTTCTATTGTTGGTTTTAATTAG CAGCAAGTTGTGATCACTTTCCAGGTGAATAAATCATTTCAAAGCA ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG</pre>
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001295.3

Summary:

This gene encodes a member of the beta chemokine receptor family, which is predicted to be a seven transmembrane protein similar to G protein-coupled receptors. The ligands of this receptor include macrophage inflammatory protein 1 alpha (MIP-1 alpha), regulated on activation normal T expressed and secreted protein (RANTES), monocyte chemoattractant protein 3 (MCP-3), and myeloid progenitor inhibitory factor-1 (MPIF-1). Chemokines and their receptors mediated signal transduction are critical for the recruitment of effector immune cells to the site of inflammation. Knockout studies of the mouse homolog suggested the roles of this gene in host protection from inflammatory response, and susceptibility to virus and parasite. This gene and other chemokine receptor genes, including CCR2, CCRL2, CCR3, CCR5 and CCXCR1, are found to form a gene cluster on chromosome 3p. [provided by RefSeq, Jul 2008]

Locus ID:

1230

MW:

58.8