

Product datasheet for **SC319943**

CCR4 (NM_005508) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCR4 (NM_005508) Human Untagged Clone
Tag:	Tag Free
Symbol:	CCR4
Synonyms:	CC-CKR-4; CD194; ChemR13; CKR4; CMKBR4; HGCN:14099; K5-5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_005508.4
 GCTCACAGGAAGCCACGCACCCTTGAAAGGCACCGGGTCTTCTTAGCATCGTGCTTCT
 GAGCAAGCCTGGCATTGCCTCACAGACCTTCTCAGAGCCGCTTTCAGAAAAGCAAGCTG
 CTTCTGGTTGGGCCAGACCTGCCTTGAGGAGCCTGTAGAGTTAAAAATGAACCCACG
 GATATAGCAGACACCACCTCGATGAAAGCATATACAGCAATTACTATCTGTATGAAAGT
 ATCCCCAAGCCTTGACCAAAGAAGGCATCAAGGCATTTGGGGAGCTCTTCTGCCCCCA
 CTGTATTCCTTGGTTTTTGTATTTGGTCTGCTTGAAAATTCTGTGGTGGTCTGGTCTCG
 TTCAAATACAAGCGGCTCAGGTCCATGACTGATGTGTACCTGCTAACCTTGCCATCTCG
 GATCTGCTCTTCGTGTTTTCCCTCCCTTTTTGGGGCTACTATGCAGCAGACCAGTGGGTT
 TTTGGGCTAGGTCTGTGCAAGATGATTTCTGGATGACTTGGTGGGCTTTTACAGTGGC
 ATATTCTTTGTCATGCTCATGAGCATTGATAGATACCTGGCAATTGTGCACGCGGTGTTT
 TCCTTGAGGGCAAGGACCTTGACTTATGGGGTCATCACCAGTTTGGGTACATGGTCAGT
 GCTGTGTCGCCTCCCTTCTGGCTTTCTGTTCCAGCACTGTTATACTGAGCGCAACCAT
 ACCTACTGCAAAACCAAGTACTCTCAACTCCACGACGTGGAAGTTTCTCAGCTCCCTG
 GAAATCAACATTCTCGGATTGGTATCCCCTTAGGGATCATGCTGTTTTGCTACTCCATG
 ATCATCAGGACCTTGACGATTGAAAAATGAGAAGAAGAACAAGCGCGTGAAGATGATC
 TTTGCCGTGGTGGTCTTCTTCTTGGGTTCTGGACACCTTACAACATAGTGCTCTTCCCTA
 GAGACCCTGGTGGAGCTAGAAGTCTTCAGGACTGCACCTTTGAAAGATACTTGGACTAT
 GCCATCCAGGCCACAGAACTCTGGCTTTTGTTCAGTGTGCCTTAATCCCATCATCTAC
 TTTTTCTGGGGAGAAATTTCCGAAGTACATCTACAGCTCTTCAAACCTGCAGGGGC
 CTTTTGTGCTCTGCCAATACTGTGGGCTCCTCCAATTTACTCTGCTGACACCCCCAGC
 TCATCTTACACGCAGTCCACCATGGATCATGATCTCCATGATGCTCTGTAGAAAAATGAA
 ATGGTGAAATGCAGAGTCAATGAACCTTTCCACATTCAGAGCTTACTTAAAATTGTATTTT
 AGTAAGAGATTCTGAGCCAGTGTCCAGGAGGAAGGCTTACACCCACAGTGGAAGACAGC
 TTCTCATCTGCAGGCAGCTTTTTCTCTCCCACTAGACAAGTCCAGCCTGGCAAGGGTTC
 ACCTGGGCTGAGGCATCCTTCTCACACCAGGCTTGCCTGCAGGCATGAGTCAGTCTGAT
 GAGAACTCTGAGCAGTGTGAATGAAGTTGTAGGTAATATTGCAAGGCAAGACTATTC
 CCTTCTAACCTGAACTGATGGGTTTCTCCAGAGGGAATTGCAGAGTACTGGCTGATGGAG
 TAAATCGTACCTTTTGTGTGGCAAATGGGCCCTTAATTAATTTCTTGCTTTTGGGGA
 ACAATATAGATAACTGTTTTTCTAATAACATATCTCAGGCAAAGTATATCCATTGAGCC
 AGATGTATGAAGAAACAATTAGTGAAGTATGAAACCAGATCTCAATTATTTATTGTAAG
 GGATTATCTGTTAATTGAAACCAAACCTTTTATACTGATATAAGGGTAAGGATATGAAGA
 CATTAGCCAAGGTCTGCTTTCCAACGTGAACTACAAGGCATTCAAAATCCAACATATT
 TATGAAAATTCAAACACAGTTTCTCACTTGTGTTGGACATGTTTTGTTCTAATTTTAAC
 AGAGGAATATTAATAAATTTTAAATAGGCTGGGATTACAGGTGTGAGCCATCACGCCCCG
 CCACTTGTATTTTTATTTTTATTTTTATTTTTATTTTTGAGATGGAGTCTCACTCTGTCA
 CCCAAGCTGGAGTGCAGTGGCACTCGGTTCACTGCAAAGTCTGCCTCCAGGTTCAAGCG
 ATTCTCCTGCCTCAGCTTCTCAAGCAGCTGGGATTAGAGGTGTGCACCACTACGCCAGGC
 TAGTTTTGTATTTTTAGTAGAGATGGGTTTTACCATGTTGGCCAGGCTAGTCTTGAAC
 TCCTGACCTCAGGTGATCTGCCTGCTTCCAGCCTCCCAAAGTCTGGGATTACAGGCGTGA
 GCCACCTCGCCAGCCAAGGTCTTTTACTTGTATAAACAGTCTTTCATAATTAATAAAT
 TAAGGATTAATAAAGTATGACAATACCTCCTTAATCATTTTGAAGTGCCTGCTATCAATT
 GAAATAAAACAATCAACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_005508

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_005508.4 , NP_005499.1
RefSeq Size:	1657 bp
RefSeq ORF:	1083 bp
Locus ID:	1233
UniProt ID:	P51679
Cytogenetics:	3p22.3
Protein Families:	Druggable Genome, GPCR, Transmembrane
Protein Pathways:	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
Gene Summary:	The protein encoded by this gene belongs to the G-protein-coupled receptor family . It is a receptor for the CC chemokine - MIP-1, RANTES, TARC and MCP-1. Chemokines are a group of small polypeptide, structurally related molecules that regulate cell trafficking of various types of leukocytes. The chemokines also play fundamental roles in the development, homeostasis, and function of the immune system, and they have effects on cells of the central nervous system as well as on endothelial cells involved in angiogenesis or angiostasis. [provided by RefSeq, Jul 2008]