

## Product datasheet for RC228305

### CCR3 (NM\_178328) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CCR3 (NM_178328) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CCR3
Synonyms:	CC-CKR-3; C C CKR3; CD193; CKR 3; CKR3; CMKBR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC228305 representing NM_178328 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCATTTGGAATAAGAATGCTGTTAAGAGCACACAAGCCAGGTTCTCAAGGAGAAGTAAATGACAA  
CCTCACTAGATACAGTTGAGACCTTTGGTACCACATCCTACTATGATGACGTGGGCTGCTGTGAAAA  
AGCTGATACCAGAGCACTGATGGCCAGTTGTGCCCGCTGTACTCCCTGGTGTCTCACTGTGGGCTC  
TTGGGCAATGTGGTGGTGGTATGATCCTCATAAAATACAGGAGGCTCCGAATTATGACCAACATCTACC  
TGCTCAACTGGCCATTTCCGACCTGCTCTTCTCGTCACCTTCCATTCTGGATCCACTATGTCAGGGG  
GCATAACTGGGTTTTGGCCATGGCATGTGTAAGCTCCTCTCAGGTTTTATCACACAGGCTTGTACAGC  
GAGATCTTTTTATAATCCTGCTGACAATCGACAGGTACCTGGCCATTGTCCATGCTGTGTTGCCCTTC  
GAGCCCGACTGTCACTTTTGGTGTATCACCAGCATCGTCACCTGGGCTGGCAGTGCTAGCAGCTCT  
TCCTGAATTTATCTTCTATGAGACTGAAGAGTTGTTGAAGAGACTCTTTGCAAGTCTCTTTACCCAGAG  
GATACAGTATATAGCTGGAGGCATTTCCACACTCTGAGAATGACCATCTTCTGTCTGTTCTCCCTGCTC  
TCGTTATGGCCATCTGCTACACAGGAATCATCAAACGCTGCTGAGGTGCCCCAGTAAAAAAGTACAA  
GGCCATCCGGCTCATTTTGTATCATGGCGGTGTTTTTCATTTCTGGACACCTACAATGTGGCTATC  
CTTCTCTTCTATCAATCCATCTTATTTGAAATGACTGTGAGCGGAGCAAGCATCTGGACCTGGTCA  
TGCTGGTGACAGAGGTGATCGCTACTCCACTGCTGCATGAACCGGTGATCTACGCCTTTGTTGGAGA  
GAGGTTCCGGAAGTACCTGCGCCACTTCTCCACAGGCACTTGCTCATGCACCTGGGAGATACATCCCA  
TTCCTTCTAGTGAGAAGCTGGAAGAACCAGCTCTGTCTCTCCATCCACAGCAGAGCCGGAACCTCTCTA  
TTGTGTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

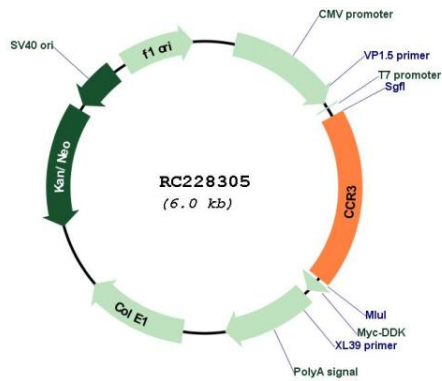


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<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_178328.1</a></u> , <u><a href="#">NP_847898.1</a></u>
<b>RefSeq ORF:</b>	1131 bp
<b>Locus ID:</b>	1232
<b>UniProt ID:</b>	<u><a href="#">P51677</a></u>
<b>Cytogenetics:</b>	3p21.31
<b>Protein Families:</b>	Druggable Genome, GPCR, Transmembrane
<b>Protein Pathways:</b>	Chemokine signaling pathway, Cytokine-cytokine receptor interaction
<b>MW:</b>	43.3 kDa
<b>Gene Summary:</b>	<p>The protein encoded by this gene is a receptor for C-C type chemokines. It belongs to family 1 of the G protein-coupled receptors. This receptor binds and responds to a variety of chemokines, including eotaxin (CCL11), eotaxin-3 (CCL26), MCP-3 (CCL7), MCP-4 (CCL13), and RANTES (CCL5). It is highly expressed in eosinophils and basophils, and is also detected in TH1 and TH2 cells, as well as in airway epithelial cells. This receptor may contribute to the accumulation and activation of eosinophils and other inflammatory cells in the allergic airway. It is also known to be an entry co-receptor for HIV-1. This gene and seven other chemokine receptor genes form a chemokine receptor gene cluster on the chromosomal region 3p21. Alternatively spliced transcript variants have been described. [provided by RefSeq, Sep 2009]</p>

Product images:



Circular map for RC228305