

Product datasheet for **RG210172**

CCR11 (ACKR4) (NM_016557) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCR11 (ACKR4) (NM_016557) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CCR11
Synonyms:	CC-CKR-11; CCBP2; CCR-11; CCR10; CCR11; CCRL1; CCX-CKR; CCX CKR; CKR-11; PPR1; VSHK1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG210172 representing NM_016557 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTTGGAACAGAACCAGTCAACAGATTATTATTATGAGGAAAATGAAATGAATGGCACTTATGACT
ACAGTCAATATGAACTGATCTGTATCAAAGAAGATGTCAGAGAATTTGAAAAGTTTTCTCCCTGTATT
CCTCACAATAGTTTTCGTCATTGGACTTGCAGGCAATTCATGGTAGTGGCAATTTATGCCTATTACAAG
AAACAGAGAACAAAACAGATGTGTACATCCTGAATTTGGCTGTAGCAGATTTACTCCTTCTATTCACTC
TGCTTTTTGGGCTGTTAATGCAGTTCATGGGTGGTTTTAGGGAAAATAATGTGCAAAAATAACTTCAGC
CTGTACACACTAACTTTGTCTCTGGAATGCAGTTTCTGGCTTGTATCAGCATAGACAGATATGTGGCA
GTAATAAAGTCCCCAGCCAATCAGGAGTGGGAAAACCATGCTGGATCATCTGTTTCTGTGTCTGGATGG
CTGCCATCTTGCTGAGCATACCCAGCTGGTTTTTATACAGTAAATGACAATGCTAGGTGCATTCATCCAT
TTTCCCCCGCTACCTAGGAACATCAATGAAAGCATTGATTCAAATGCTAGAGATCTGCATTGGATTTGTA
GTACCTTTCTTATTATGGGGTGTGCTACTTTATCACAGCAAGGACACTCATGAAGATGCCAAACATTA
AAATATCTCGACCCCTAAAAGTTCTGCTCACAGTCGTTATAGTTTTTCATTGCTCACTCAACTGCCTTATA
CATTGTCAAGTTCTGCCGAGCCATAGACATCATCTACTCCCTGATCACCAGCTGCAACATGAGCAAACGC
ATGGCATCGCCATCAAAGTCACAGAAAGCATCGCACTTTTACAGCTGCCTCAACCAATCCTTTATG
TTTTTATGGGAGCATCTTTCAAAAACACTACGTTATGAAAGTGGCCAAGAAATATGGGTCTGGAGAAGACA
GAGACAAAGTGTGGAGGATTTCTTTTATTCTGAGGGTCTACAGAGCCAACCACTACTTTTAGCATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG210172 representing NM_016557
Red=Cloning site Green=Tags(s)

MALEQNQSTDYEEENEMNGTYDYSQYELICIKEDVREFAKVFLPVFLTIVFVIGLAGNSMVVAIYAYYK
 KQRTKTDVYILNLAVADLLLLFTLPFWAVNAVHGWVLGKIMCKITSALYTLNLFVSGMQFLACISIDRYVA
 VTKVPSQSGVGKPCWIIICFVWMAAILLSIPQLVFYTVNDNARCIPFPRLGTSMKALIQMLEICIGFV
 VPFLIMGVCYFITARTLMKMPNIKISRPLKVLTVVIVFIVTQLPYNIVKFCRAIDIIYSLITSCNMSKR
 MDIAIQVTESIALFHSCLNPILYVFMGASFKNYMKVAKKYGSWRRRQSQSVEEFPDSEGPTEPTSTFSI

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_016557

ORF Size: 1050 bp

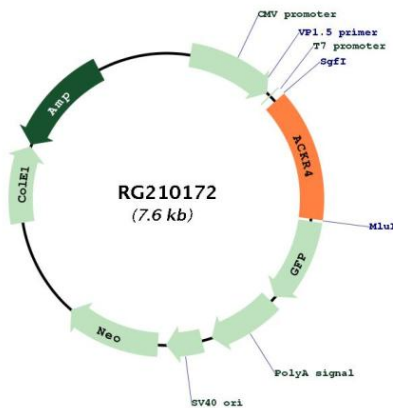
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_016557.4
RefSeq Size:	2224 bp
RefSeq ORF:	1053 bp
Locus ID:	51554
UniProt ID:	Q9NPB9
Cytogenetics:	3q22.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
Gene Summary:	The protein encoded by this gene is a member of the G protein-coupled receptor family, and is a receptor for C-C type chemokines. This receptor has been shown to bind dendritic cell- and T cell-activated chemokines including CCL19/ELC, CCL21/SLC, and CCL25/TECK. A pseudogene of this gene is found on chromosome 6. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 2013]

Product images:



Circular map for RG210172