

Product datasheet for RC224197

CCR11 (ACKR4) (NM_178445) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CCR11 (ACKR4) (NM_178445) Human Tagged ORF Clone
Tag:	Myc-DDK
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-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC224197 representing NM_178445 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTTTGGAACAGAACCAGTCAACAGATTATTATTATGAGGAAAATGAAATGAATGGCACTTATGACT
ACAGTCAATATGAACTGATCTGTATCAAAGAAGATGTCAGAGAATTTGAAAAGTTTTCTCCCTGTATT
CCTCACAATAGTTTTCGTCATTGGACTTGCAGGCAATTCATGGTAGTGGCAATTTATGCCTATTACAAG
AAACAGAGAACAAAACAGATGTGTACATCCTGAATTTGGCTGTAGCAGATTTACTCCTTCTATTCACTC
TGCTTTTTGGGCTGTTAATGCAGTTCATGGGTGGTTTTAGGGAAAATAATGTGCAAAAATAACTTCAGC
CTTGACACACTAACTTTGTCTCTGGAATGCAGTTTCTGGCTTGTATCAGCATAGACAGATATGTGGCA
GTAATAAAGTCCCCAGCCAATCAGGAGTGGGAAAACCATGCTGGATCATCTGTTTCTGTGTCTGGATGG
CTGCCATCTTGCTGAGCATACCCAGCTGGTTTTTATACAGTAAATGACAATGCTAGGTGCATTCAT
TTCCCCCGCTACCTAGGAACATCAATGAAAGCATTGATTCAAATGCTAGAGATCTGCATTGGATTTGTA
GTACCTTTCTTATTATGGGGTGTGCTACTTTATCACAGCAAGGACACTCATGAAGTGCCAAACATTA
AAATATCTCGACCCCTAAAAGTTCTGCTCACAGTCGTTATAGTTTTTCATTGCTCACTCAACTGCCTTATA
CATTGTCAAGTTCTGCCGAGCCATAGACATCATCTACTCCCTGATCACCAGCTGCAACATGAGCAAACGC
ATGGCATCGCCATCAAAGTACAGAAAGCATCGCACTTTTACAGCTGCCTCAACCCAATCCTTTATG
TTTTTATGGGAGCATTTTCAAAAACACTACGTTATGAAAGTGGCCAAGAAATATGGGTCTGGAGAAGACA
GAGACAAAGTGTGGAGGATTTCTTTTATTCTGAGGTCTACAGAGCCAACCACTACTTTTAGCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC224197 representing NM_178445
Red=Cloning site Green=Tags(s)

MALEQNQSTDYEEENEMNGTYDYSQYELICIKEDVREFAKVFLPVFLTIVFVIGLAGNSMVVAIYAYK
 KQRTKTDVYILNLAVADLLLLFTLPFWAVNAVHGWLKIMCKITSALYTLNLFVSGMQFLACISIDRYVA
 VTKVPSQSGVGKPCWIIICFVWMAAILLSIPQLVFYTVNDNARCIPFPYRLGTSMKALIQMLEICIGFV
 VPFLIMGVCYFITARTLMKMPNIKISRPLKVLTVVIVFIVTQLPYNIVKFCRAIDIIYSLITSCNMSKR
 MDIAIQVTESIALFHSCLNPILYVFMGASFKNYVMKVAKKYGSWRRRQSQSVEEFPDSEGPTEPTSTFSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8076_d02.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_178445

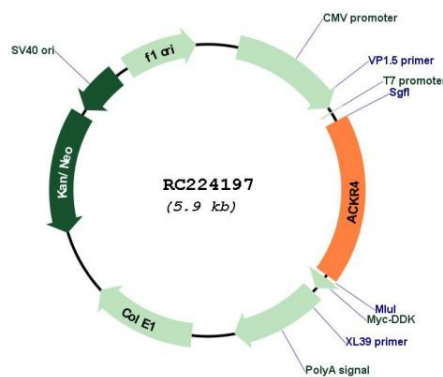
ORF Size: 1050 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_178445.2
RefSeq Size:	2508 bp
RefSeq ORF:	1053 bp
Locus ID:	51554
UniProt ID:	Q9NPB9
Cytogenetics:	3q22.1
Protein Families:	Druggable Genome, GPCR, Transmembrane
MW:	39.9 kDa
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 RC224197