

Product datasheet for RN208635

Ccr5 (NM_053960) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccr5 (NM_053960) Rat Untagged Clone
Tag: Tag Free
Symbol: Ccr5
Synonyms: Ckr5; Cmkbr5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN208635 representing NM_053960
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGATTTTCAAGGGTCGATTCCAACCTATATCTATGACATCGATTATAGTATGTCAGCACCCCTGCCAAA
 AATTCAATGTGAAACAAATTGCAGCCCAGCTCCTGCCCCACTCTACTCTCTGGTATTCATCTTTGGTTT
 TGTGGGTAAACATGATGGTCTTCTCATCCTGATAAGCTGCAAAAAGCTGAAGAGCATGACTGATATCTAC
 CTGTTCAACCTGGCCATCTCTGACCTGCTTCTCTGCTCACACTCCCATTCTGGGCTCACTATGCTGCAA
 ATGAGTGGGTCTTTGGGAATATAATGTGCAAATTATTCACAGGGATCTATCACATTGGTTATTTTGGTGG
 AATCTTCTCATTATCCTCCTGACAATTGATAGGTAAGTGGCTATTGTCCATGCTGTGTTTGTCTATAAAA
 GCCAGAACAGTCAACTTTGGGGTAATAACAAGTGTAGTCACTTGGGTGGTGGCTGTGTTTGTCTCTCTCC
 CAGAAAATATCTTTATGAGATCTCAAAAAGAAGTTTCTCATTATACATGCAGTCCTCATTTCACCGTAT
 TCAATATCGTTTTCTGGAAGCATTTCAAACATTAAGATGGTCATCTTGAGCCTGATCCTACCCCTACTT
 GTCATGGTCATCTGCTATTCAGGAATCCTCAACACCCTGTTTCGCTGTAGGAATGAGAAGAAGAGGCACA
 GGGCTGTAAGGCTCATCTTTGCCATCATGATTGTCTACTTTCTCTCTGGACTCCCTACAACATTGTCTCT
 CCTCTGACCACCTTCCAGGAATACTTTGGACTGAATAATTGCAGTAGTTCTAATAGACTAGACCAGGCA
 ATGCAGGTGACAGAGACTTTGGGATGACACACTGCTGCCTCAACCTGTCATATGCCTTTGTTGGGG
 AGAAGTTCCGGAATTATCTCTCTGTGTTCTTCCGAAAACACATTGTCAAACGCTTCTGCAAACACTGTTC
 AATTTTCCAGCAAGTCAATCCTGATCGTGAAGTCAAGTCTATACCCGGTCCACAGGAGAACAGGAAGTT
 TCTACTGGTTATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_053960
Insert Size:	1065 bp
OTI Disclaimer:	<p>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.</p> <p>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</p>
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_053960.3 , NP_446412.2
RefSeq Size:	2495 bp
RefSeq ORF:	1065 bp
Locus ID:	117029
UniProt ID:	O08556
Cytogenetics:	8q32
Gene Summary:	G protein-coupled receptor; involved in regulation of leukocyte activation and migration [RGD, Feb 2006]