

Product datasheet for RR210771

Ccr12 (NM_001108191) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Ccr12 (NM_001108191) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Ccr12
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 ORF Nucleotide Sequence: >RR210771 representing NM_001108191
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGATAGATCATTGGGCTGCACCCTTCCCACCCTCGGGAACCCAGTCAAATGGTTATCTTTATCTCGCC
 AGCTTGTCCGAGTGCTTGACCAGCGCAGTTTCACTTTTGCAAACATCTGTTTATATCCCCGAGAGAAAA
 ATATCAAGCCGCTGCCGACCACGCTGTTTTAGGCAGTGAGCAAGGGCAGCCTCCGATGGATAATTAC
 ACAGTGGCCCCAGAGGATGAGTATGATGTCCTCATAGAGGATGACCTGGACAACAGTGGGACAGACCAAG
 TTTCCACCCCGAGTTCCTCTCCGCCAGCAGGCGCTGCACCTTCTGCTGCACTGTGTTTGGCGTGGGTCT
 CCTGGACAACACGTTGGCAGTATTTATCTTGGCGAAATACAGAGGACTCAGGAATCCGGGGAACATCTAC
 TTTCTAAACCTCGCACTTCAAATTTGTGTTTCTGCTTCCCCTGCCATTCTGGGCACATACTGCCGCAC
 ATGGGGAAAGCCCGGCAATGAGACTTGTAAAGTTCTTGTGGACTCCACTCCATGGCTGTACAGCGA
 GACGCTTTGCAACATCCTCCTTGTACAAGGATACAGGGTGTTCCTCAAGGGCGACTGTCCTCCATC
 TTCACAACGGTGTCTGGTGGTATTGTTACGTGTGCTGCGATGGCTGTGGCTGCCGCACTCTCTTTGC
 CCGAAGCTGTGTTTACGAGCCTCGGATGGAAAGACAGAAACACAAGTGGGCTTTGGCAAACCTCACTT
 CTTGACAATTGAAGCACCAGTCTGGAAGTATGTTCTGACTTCAAAGATGAACATCTTGGTACTGTTTTT
 CCTCTGCTGGTTTTATATTCTGCTGCAGGCAAATGAGGACAGCGCAGAAGTTCAGGGAGAGGCAGTGCG
 ACCTCCGCAAGGCTGCTCTTGTACATAACGGGTGTGTTCTTTTGTGTTGGGCCCCCTACAATGTTGTGCT
 TTTCTGTCTGCTCTCCAGGAACACTTGTCCCTGCAGGATGACAAGAGCAGCTACTACCTGGACGCAAGC
 ACCCAGGTACACAGCTCATTGCGACCACCACTGCTGTGTCAACCCGCTCCTCTATTTGCTTCTCGACA
 AGGCCTTAGGAGCTATCTGCAAGCCTGTTCCACGGTGAATGATCTCCATTTCAAAGTGGTAGGGA
 CTCTCAGCAAGAGACGCCAAGGGAAGGTACAGCAGGCCCAATTGAACTGTACGGTACTTTGCCTCAAAGG
 CAGGATATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR210771 representing NM_001108191
Red=Cloning site Green=Tags(s)

MIDHWAAPFPTLGPNVKWLSLSRQLVRLDQRSFTFANICLYPPREKYQAAACLDHAVLGSEQGPPMDNY
 TVAPEDEYDVLIEDDLNSGTDQVPTPEFLSAQQALHFCCTVFAVGLLDNTLAVFILAKYRGLRNPNGNIY
 FLNLALSNLCFLLPLPFWAHTAAHGESPNETCKVLVGLHSMGLYSETLCNILLLVQGYRVFSQGRSSSI
 FTTVSGGIYTCVLAWAVAAALSLPEAVFYEPIMERQKHKCGFGKPHFLTIEAPIWKYVLTSMKNILVLF
 PLLVIFCCRQMRTAQNFRERQCDLRKAALVITGVFLLMWAPYNNVFLSALQEHLSLQDDKSSYYLDAS
 TQVTQLIATTHCCVNPLLYLLLDKAFRSYLCSLFPRCNDLPFQSGRDSQQETPREGHSRPIELYGTLTPQR
 QDI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

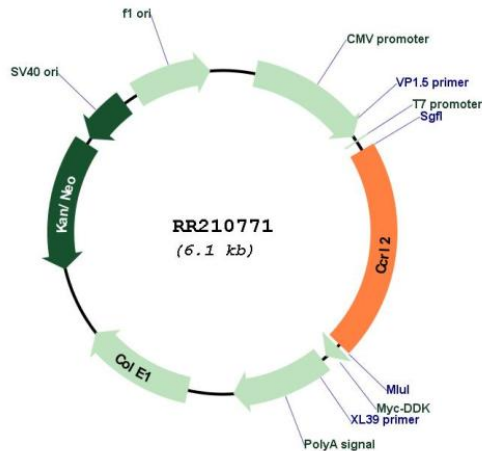
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:	NM_001108191
ORF Size:	1269 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_001108191.1 , NP_001101661.1
RefSeq Size:	1979 bp
RefSeq ORF:	1272 bp
Locus ID:	316019
Cytogenetics:	8q32
MW:	47.7 kDa