

Product datasheet for **RR208444**

Ccr1 (NM_020542) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccr1 (NM_020542) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccr1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR208444 representing NM_020542
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGATTTCAAATATCACAGAAACCTACCCACAACCACAGAATGACTATGGGGACTCTACTCCAT
GCCAAAAAAGCTGATGTAAGAGCCTTCGGGGCTGGACTCCTGCCCCCTGTACTCTTCGTTTATCAT
TGGAGTGGTAGGCAATATCCTGGTGATTCTGGTGCTCATGCAGCATAGGAGGCTTCAAAGCATGACCAGC
ATATACCTGTTCAACCTGGCTGTCTGATCTGGTCTTCCTTTTCACTTTACCTTTCTGGATTGACTACA
AGCTGAAAGACAACCTGGGTTTTGGTGATGCCATGTGTAAGCTTCTCTGGGTTTTATTACCTGGGCTT
ATACAGTGAGATCTTCTTATCATCCTGCTGACAATTGACAGGTACCTGGCCATTGTCCATGCAGTGTTT
TCCCTGAGGGCCCGAAGTGCACCTTTGGCATCATCACCAGTATTATTATTTGGGCCCTAGCCATCTTAG
CTTCTATTCTGCCTTATGCTTTTTCAAGGCCAGTGGGAGTTCACCTACCATACCTGTAGCCCTCATT
CCCCGATGAGAGCCTGAAGACGTGGAAGAGGTTTCAGGCTCTAAAGCTAAACCTCCTGGACTAATTTTA
CCTCTGTTAGTCATGATAATTTGCTACGCAGGGATCATCAGAATTCTGCTCAGACGACCCAATGAGAAGA
AGGCCAAAGCCGTGCGTCTGATATTTGCTATTACGCTTCTATTCTCCTCTGGACCCCTACAATCT
GACTGTATTTGTTCTGCTTTCCAAGATGTTCTATTACCAATCAGTGTGAGCAGAGCAAGCAGCTGGAC
CTGGCCATACAGGTGACTGAAGTGATTGCCTACCCCACTGTTGTGTCAATCCAATCATTATGTCTTTG
TGGGTGAGCGGTTCCGGAAGTACCTTCGGCAGCTGTTTCAAAGGCATGTGGCTATACCGCTGGCAAATG
GCTGCCCTTCTCTGTGGACCAACTAGAAAGGACCAGTTCTTAACCTCATCCACAGGAGAACATGAA
CTTCTGGGGGCTTC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR208444 representing NM_020542
 Red=Cloning site Green=Tags(s)

MEISNITETYPPTTEYDYGSTPCQKTDVRAFAGLLPPLYSFVFIIGVGNILVILVLMQHRRLQSMTS
 IYLFNLAVSDLVFLFTLPFWIDYKLDKNWVFGDAMCKLLSGFYLLGLYSEIFFIILLTIDRYLAIHVAVF
 SLRARTVTFGIITSIIWALAILASIPALCFFFKAQWEFTHHTCSPHPDESCLKTWKRFQALKLNLGLIL
 PLLVMIICYAGIIRILLRRPNEKKAKAVRLIFAITLLFFLLWTPYNLTVFVSFAFDVLFNTQCEQSKQLD
 LAIQVTEVIAYTHCCVNP I IYV F VGERFRKYLRQLFQRHVAIPLAKWLPFFSVDQLERTSSSLTPSTGEHE
 LSGGF

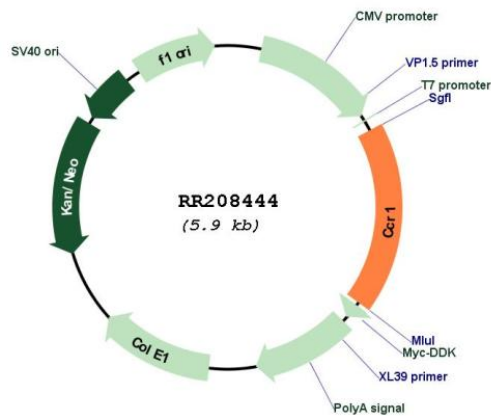
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_020542

ORF Size:	1065 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_020542.2 , NP_065417.1
RefSeq Size:	1870 bp
RefSeq ORF:	1068 bp
Locus ID:	57301
Cytogenetics:	8q32
MW:	40.8 kDa