

Product datasheet for **RR209487**

Ccr9 (NM_172329) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccr9 (NM_172329) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccr9
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR209487 representing NM_172329 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACACCCACAGAATTCACAAGCCTTATTCCTGGCATGTTTGATGACTACAGCTATGATCCACTGCTT
CCACAGACGACTACATGAATTTGAACTTCAGTAGCTTCTCTGTAAGAAAAACAATGAAGGCAGTTTGC
GAGTCATTTCTTCCGCCTCTGTACTGGCTTGTGTTTCGTTGGTACTGTGGCAACAGCCTGGTCATC
CTTGCTACTGGTACTGCACAAGAGTGAAGACAATGACCGACATGTTCCTTTTGAATTTGGCCATTGCTG
ATCTGCTCTTTCTTGCCACTCTCCCTTCTGGCCATTGCTGCTGCTGGTCAGTGGATGTTCCAGACCTT
CATGTGCAAGGTTGTGAACAGCATGTACAAGATGAACTTCTACAGCTGTGTGCTACTCATCATGTGCATC
AGTGTGGACAGATACATTGCCATTGTACAGGCCATGAAGGCTCAGGTCTGGAGGCAGAAAAGGCTGCTGT
ACAGCAAGATGGTCTGCATTACCATCTGGGTGATGGCAGCTGTGCTCTGCACCCAGAAATCCTGTACAG
TCAAATCAGTGGGAATCTGGCATTGCCATATGTACCATGGTCTACCCTAAGGATAAGAATGCCAAGCTA
AAGTCTGCTGTTTTGATCCTGAAGGTACCTTGGGTTTTTCTCCCTTCATGGTCATGGCTTTCTGTT
ACACCATCATCATTCACTTTTGGTACAGGCCAAGAAGTCATCCAAGCACAAGGCCCTCAAGGTGACCAT
CACTGTTCTCACTGTCTTCAATTATGTCTCAGTTCCCTACAATTGCATTCTGGTAGTGCAGGCTGTTGAT
GCCTACACCATGTTTCACTCCAACCTGCACCATTTCCACCAACATTGACATCTGCTTCCAGGTTACTCAGA
CTATTGCATTCTTCCACAGTTGCCTGAACCCAGTTCTCTATGTTTTCGTGGGTGAGAGATCCCGCAGGGA
TCTGGTAAAGACCCTGAAGAACCTGGGATGCATTAGCCAGGCCAGTGGGTTTTATTACAAGGAGAGAG
GGTAGCTTGAAGCTTCTTCTATGCTACTGGAGACAACTCTGGAGCTCTCTCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209487 representing NM_172329
 Red=Cloning site Green=Tags(s)

MTPTEFTSLIPGMFDDYSYDSTASTDDYMNLNFSFFCKKNNVRQFASHFLPPLYWLVFVVGTVGNSLVI
 LVYWCYTRVKMTDMFLLNLAIADLLFLATLPFWAIAAAGQWMFQTFMCKVVNSMYKMFYSCVLLIMCI
 SVDRYIAIVQAMKAQVWRQKRLLYSKMVCITIWVMAAVLCTPEILYSQISGESGIAICTMVYPKDKNAKL
 KSAVLILKVTLGFFLPFVMVMAFCYTIIIHTLVQAKKSSHKALKVTITVLTVFIMSQFPYNCILVVQAVD
 AYTMFISNCTISTNIDICFQVTQTIAFFHSCLNPLVYFVGERFRDLVKTLKNLGCISQAQWVSFTRRE
 GSLKLSMLETTSALSL

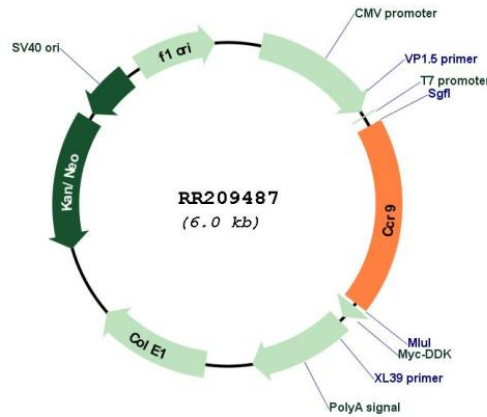
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_172329

ORF Size:	1107 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_172329.1 , NP_758832.1
RefSeq Size:	2568 bp
RefSeq ORF:	1110 bp
Locus ID:	282832
Cytogenetics:	8q32
MW:	42 kDa
Gene Summary:	mouse homolog binds CCL25 and is involved in T lymphocyte chemotaxis [RGD, Feb 2006]