

## Product datasheet for MR223660

### Ccl9 (NM\_011338) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Ccl9 (NM\_011338) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Ccl9  
**Synonyms:** CCF18; MRP-2; Scya9; Scya10  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR223660 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAGCCTTTTCATACTGCCCTCTCCTCCTCATTCTTACAACCTGCTCTTGAATCTGGGCCAGATCA  
 CACATGCAACAGAGACAAAAGAAGTCCAGAGCAGTCTGAAGGCACAGCAAGGGCTTGAAATTGAAATGTT  
 TCACATGGGCTTCAAGACTCTCAGATTGCTGCCTGCCTATAACTCACGGATTCAGTGTTCAGATTT  
 ATAGGTTATTTCCACCAGTGGTGGGTGTACCAGGCCGGGCATCATCTTTATCAGCAAGAGGGGTTCC  
 AGGTCTGTCCAACCCAGTGATCGGAGAGTTCAGAGATGCATTGAAAGATTGGAGCAAACTCACAAAC  
 ACGGACCTACAAACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR223660 protein sequence  
 Red=Cloning site Green=Tags(s)

MKPFHTALSFLILTALGIWAQIATHATETKEVQSSLKAQQGLEIEMFHMGFQDSSDCCLSYNSRIQCSR  
 IGYFPTSGGCTRPGLIIFISKRGFQVCANPSDRRVQRICIERLEQNSQPRTYKQ

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_011338

**ORF Size:** 369 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:**
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\\_011338.2](#), [NP\\_035468.1](#)

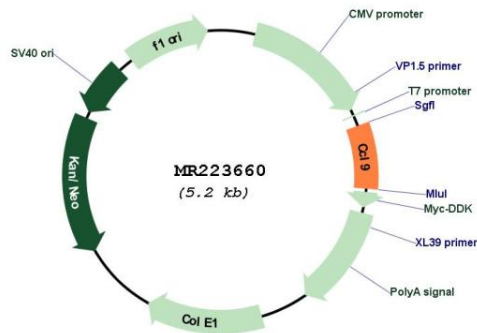
**RefSeq Size:** 3008 bp

**RefSeq ORF:** 369 bp

**Locus ID:** 20308

**UniProt ID:** [P51670](#)  
**Cytogenetics:** 11 50.81 cM  
**MW:** 13.9 kDa  
**Gene Summary:** Monokine with inflammatory, pyrogenic and chemokinetic properties. Circulates at high concentrations in the blood of healthy animals. Binding to a high-affinity receptor activates calcium release in neutrophils. It also inhibits colony formation of bone marrow myeloid immature progenitors.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR223660