

Product datasheet for **RR205238**

Ccr6 (NM_001013145) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ccr6 (NM_001013145) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ccr6
Synonyms: MGC108876
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR205238 representing NM_001013145
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAATTTACCCGAGGCCAACTACGGAATGGAAGATTACTGGCTCAGATTACTCTATGTTCCAGAGA
 CCGAGCCATGCTCTGCAAGAGGTCAGAGACTCACCAAGGTGTTGTCGCAATCGCCTACTCCTTAAT
 CTGTGCTTTGGCCTCCTTGGCAATATTATGGTGGTGATAACCTTTGCCTTCTACAAGAAAGCCAGGTCC
 ATGACTGACGTCTACCTATTGAACATGGCCATCACAGACATACTTTGTCTCACCTACCATTCTGGG
 CAGTTACTCATGCCACTGACACTTGGATCTTTGGCAACACGATGTGTAAGTATGAAAGGCACGTATGC
 GGTCAACTTTAACTGTGGGATGCTGCTCCTGGCCTGTATCAGCATGGACCGGTACATTGCCATCGTCCAG
 GCGACCAAATCTTTCCGGGTACGCTCCAGAACACTGACGCACAGTAAGGTATCTGTCTGACGGTGTGGT
 TCGTTTCCATCATCATCTCAAGCCCCACATTCTTCTTCAACAAGCAATACAAGCTGCAGGGCCGTGATGT
 CTGCGAGCCTCAGTACAAGCTCGTCTCGGAGCCCATCACGTGAAACTGCTGGGCATGGGACTCGAGCTG
 CTCTTTGGCTTCTTATCCCTTTGCTGTTTATGGTGTCTGTTACCTGTTTATCAAGACCTTGGTGC
 AGGCCAGAATCCAAGAGGCACAGAGCCATCCGAGTCGTGATTGCTGTGGTTCTCGTGTTCCTGGCTTG
 TCAGATCCCTCACAACATGGTCTCCTCGTGACTGCAGCCAACACGGGCAAAATGGGCCGAGCTGCAGC
 GCCGAGAAAGCCCTCGCCTACGCCAGAAATGGGCTGAGGTCTGGCTTTCTGCACTGCTGTCTCAACC
 CCGTGTGATGCTTTCATTGGACAGAAATTCAGAAGCTACTTCATGAAGATCATGAAGGATGTGTGGTG
 TATGAGGAGGAAGAGCAAGGTGCCTACCTTCTTCTGTGCCGGGTTTACTCAGAAAGCTACATCTCCAGG
 CAGACCAGTGAGACTGTAGAAAATGACAACGCATCGTCTTTACCATG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RR205238 representing NM_001013145
 Red=Cloning site Green=Tags(s)

MNFTEANYGMEDYTGSDYSMPFETEPCSLQEVDRDFTKVFVPIAYSLICVFGLLGIMVVITFAFYKKARS
 MTDVYLLNMAITDILFVLTLPFWAVTHATDTWIFGNTMCKLMKGTAYVNFNCGMLLLACISMDRYIAIVQ
 ATKSFVRVRSRTLTHSKVICLTVWFVSIISPTFFFNKQYKLGQGRDVCEPQYKLVSEPIWKLGMGLEL
 LFGFFIPLLFMVFCYLFIIKTLVQAQNSKRHRRAIRVVIIVLVLACQIPHNMVLLVTAANTGKMGRSCS
 AEKALAYARNVAEVLAFHLHCCCLNPVLYAFIQKFRSYFMKIMKDVWCMRRKSKVPTFFCARVYSESYISR
 QTSETVENDNASSFTM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001013145

ORF Size: 1098 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_001013145.1, NP_001013163.1

RefSeq Size: 1500 bp

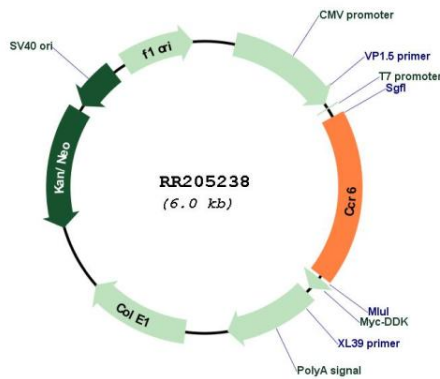
RefSeq ORF: 1101 bp

Locus ID: 308163

Cytogenetics: 1q12

MW: 41.9 kDa

Product images:



Circular map for RR205238