

Product datasheet for **RR207784**

Ccr10 (NM_001108836) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ccr10 (NM_001108836) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ccr10
Synonyms:	Gpr2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR207784 representing NM_001108836 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**CGCATCGCC**

ATGGGGACCAAGCCACAGAACAGGTCTCCTGGGGACCTTACTCCGGGTATGAGGAGGAGGCTTATTCAGCTGGGCCCTGCCGAGCTCTGTTACAAGGCCGATGTCCAGGCTTTTAGTCGGGCCTTCAAACCCAGTGTCTCCCTGATGGTGGCTGTGCTGGGTTGGTGGGAATGGCTTAGTCTGGCCACCCATCTGGCAGCCCGCGAACTACCCGATCTCCACCTCCGTTACCTGCTCCAGTTGGCCCTGGCTGACCTTTATTGGCCCTGACCTTGCCTTTTGTGTCAGCAGGGGCTCTTCAGGGCTGGAATTTAGGAAGTACCACCTGCCGTGCCATCTCAGGCCTACTCGGCCTCCTTCCACGCAGGCTTCCCTTTCTAGCCTGCATCAGCGCCGACCGCTATGTGGCCATCACAAGAGCTCTCCAGCAGGGCAGCGGCCCTCCACGCCTAGCCGTGCCACTTGGTCTCAGTCTCGTGTGGCTGTTGTGCGCTGCTTCTGGCTTACCTGCGCTCCTTTTACGCCGGGACGGGCCACGGGAAGGCCAACGACGCTGTGCGCTCCTTTTTCCGAAAGCCTCACGCAGACTGTGAAAGGGGAAGCGCCGTGGCCAGGTGGTCTCGGCTTCGCGCTGCCTCTGGGTGTATGGCAGCCTGTTATGCGCTCCTGGGCCGACGCCTTCTGGCCGACAGGGGCCAGAGCGGGCGTGCCTGCGCGTGGTGGCCTTGGTGGTGGCCTTCGTGGTGTGACGTTGCCCTACAGCCTCGCCCTGCTGCTGGATACAGCCGATCTACTGGCAGCCCGTAGCGGAGCTCCTCCAGCAAGCGCAAGGATTTAGCTGCTGGTACCAGGAGGCTTGACCTTAGTCCGCTGCAGCCTCAATCCGGTGTGTATGCTTTTTTGGCCCTGCGCTTCCGCCAGGACCTGAGGAGGCTGCTACAGGGCGGAGGATGCAGCCGAAGCCCAACCCTCGTGGCCGCTGCCCGCCGACTCCGCCTTTCTCTGCTCCGCTCTACTGAGACCCACAGTGTCTCTTGGGACAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RR207784 representing NM_001108836
Red=Cloning site Green=Tags(s)

MGTKPTEQVSWGYPYSGYEEEEAYSAGPLPELCYKADVQAFSRAFQPSVSLMVAVLGLVGNLVLATHLAAR
 RTTRSPSTVHLLQLALADLLLAL TLPFAAAGALQGWNLGSTTCRAISGLYSASFHAGFLFLACISADRYV
 AITRALPAGQRPSTPSRAHLVSFVWLLSLLLALPALLSRDGPREGQRRCLLPESLTQTQVKGASAVA
 QVVLG FALPLGVMAACYALLGRLLAARGPERRRALRVVVALVAFVVLQLPYSLALLLDTADLLAARER
 SCSSSKRKDLALLVTGGLTLVRCSLNPVLYAFLGLRFRQDLRLLQGGGCSPKPNPRGRCPRRRLSSCS
 APTETHSVSWDN

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_001108836

ORF Size: 1086 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_001108836.1, NP_001102306.1

RefSeq Size: 1742 bp

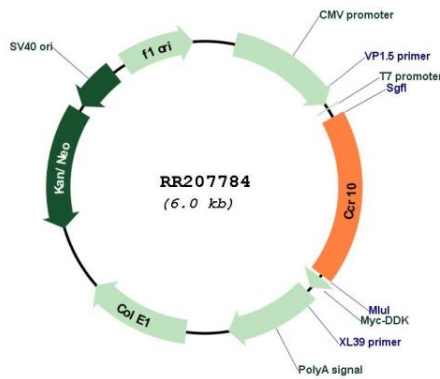
RefSeq ORF: 1089 bp

Locus ID: 363682

Cytogenetics: 10q31

MW: 38.9 kDa

Product images:



Circular map for RR207784