

Product datasheet for **RN206381**

Crb2 (NM_001135761) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Crb2 (NM_001135761) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Crb2
Synonyms:	RGD1309368
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN206381 representing NM_001135761 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGCTGTTGGGGCCTGTGATCTGGGGCTTTAGACGAGATGTCTACCTCCTGTTGCTGCTACTGCTGC
TGTTGCTGCCGCCTGGGTCCCAGCTGGGCTGGTTCCTTCAGAGACCCGAATGTCTGTGCCTCAGACCC
ATGTGCTCCAGGGACCAGGTGCCAGGCTACAGAAAGTGGTGGCTTTACCTGTGAGCCCTTAGAGCTTGA
GGCTGTGCTGCTCAACCGTGCCACCATGGTGCCTGTGTGTGCCAGGGCCAGATCCTAACGGCTTCC
GTTGCTACTGTGTGCTGGATTCCAGGGACCCACTGTGAGCTGGACATCGATGAGTGTGCCTCCCGGCC
TTGCCACCATGGGGGCACCTGCCGAAATCTGGCAGATCACTACGAGTGCCACTGCCCCCTCGGCTATGCA
GGCGTGACCTGTGAGGGCGAGGTGGACGAGTGCTCATCAGCGCCCTGCCTGCACGGAGGCTCGTGCTGG
ACGGTGTGGGCTCCTACCGCTGTGTGTGCGCACCTGGATACGCCGGCGGAGCTGTGAGCTGGACGTGGA
CGAGTGCCAGAGCCAGCCGTGCGAGCACGGTGGCGTGTGTGACGACCTGGTCAACGGTTTTCCGGTGCAC
TGTGCGGACACGGGTTACGAAGGCGCGCTGTGAGCAGGAGGTGCTGGAGTGCCTCTGCGCCCTGCG
TGCAACGCATCCTGCCTCGACGGCTTCCGGAGCTTCCGCTGCCTCTGCTGGCCAGGCTTCAGTGGAGA
GCGGTGCAAGTGGATGAGGATGAGTGTGCATCGGATCCCTGTGATAATGGGGGCCGGTGTGCTGCGAGCC
TCTGACCCGACCTTGTATGGGGTGTTCAGGCCATCTTCCCGGAGCCTTCAGTTTCAGCAAGCCGCTG
GCTTCTTTGACGCTGTCTCCGGCTTTGCTGGGGATGACTGCAGCGTGGACGTGAATGAGTGTGCTC
AGAGCCATGTCTCAACGGAGGTAGCTGCCAGGACCTGCCAATGTTTCCAGTGTACTGTGAGGATGGA
TACACAGGACTGACATGTGAGGAGGATACGGACGAGTGCCAGTCCGAACCATGCCTGCACGGTGGGACCT
GCAGCGACACTGTAGCAGGCTACATCTGCCAGTGCCTCCAGGCGCTGGGGTGGACATGACTGTTCTGTGCA
GCTCACAGGCTGCCAGGGCCACGCTGCCACTGGCTGCCACCTGCATCCCCACCTTCAAGTCTGGTTTC
CACAGTTATATCTGCCGTTGCCTGCCTGGGACCTATGGGTCTTTCTGTGACCAGAATACCACTTTCTCGG
TTGTGCTGGGAGTTCGGTGTGGGATTGGTCCAGCTGGTGCCTCCCTGGCTTTTGCAGTGAATTTCCG
TACCACCTGCTGCTGGAGCCCTGGCTACTCTTAAGGACTCACGGACAGCTTGGAGCTGTTCTGGT



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GGGGCCATGCTCCAAGCCACACTCTGGAGACGTGGCACTGCTGACCTTGTCTTACACTGCCAGACCTAG
 CCTTAAATGACGGGCATTGGCATCAGGTGGAAGTGACACTCCGCCTGGGAACCTGGAGCTGCGGCTCTG
 GCATGAGGGTGCCTGGCCAGCTCTGTGTGGTCTCTGGCACTGTGGCTACAGATCCTACAGCCTCGGTG
 GCTTCTGGGTCTCCGGAGCCCTACTCCATCCATTTGGCGGCAGGGCCTTTGCAGGCTGCTTCCAGGATG
 TGCGTGTGAAGGGCACCTTCTGCTGCCTGAGGAGCTCAAGGGAAGTGTCTCCTGGGTTGTGAGCGCAC
 AGAGCCTTGCCAACTCTGCCCTGTGCCAATGGAGGGCCTGTGTGGACCTGTGGACTGACTTCCGCTGC
 GACTGCCGAGACCTTACCATGGGTCCAAGTGCCTGATGAGGTTCTGCTGCCACCTTTGGCTTGGGCG
 GTGTCATGAGCTCAGCCACCTTCTGCTCCACCAGATGCTAGGCCGAACCTCACCGTGTGTTTTCTCT
 CCGCACTCGTGAGCCCGCAGCCTGTTGCTCCAGTTTGCCAATGATTCAGTTGCTAGCCTAACTGTGTCC
 CTGAGTGAGGGCCAGATCCGGCCAGAGGTGCTGGGTATCCTGTGTGATCCTCCCTGGGCGCCGGGATG
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 TGTGGGTGGGAGGCTCTACCCTGATGATACCCAGCCCTGGGGTGGGCCCTTCCGAGGCTGTCTCCAGGAC
 CTAACAACCAACGGCATCCACCTCCCCTTCTTCTTCTCCATGGAGAACTCAAGTTGGCCAGTGAAC
 TGAAGCTGGTCACTCCTCAACCTCACCCAGGCTGTGTCTCTGAGGACAGTGAATCCCAATCCCTG
 TTTCAATGGTGAACATGCCACATCACCTGGAATGACTTCTACTGCACTTGCCCTGACAACCTCACGGGG
 CCCACCTGTGCCAGCAGCGATGGTGCCCCAGGACGCCATGCCTGCCGCCTGCCACCTGTGAGGAGTTT
 CAGATGGCTTTGTGTGTGGCCGAAGCCACGTTCCGCGAGGGCCCTCCTGCTGTGTTACAGGCCACAA
 CGTGTCTCATCGCGCGCTCAGCAGGGTACCCCTGGCCTTCCGCACACGCGACCTGGAGGCTGGGCTG
 CTGCGCGCTGCCTTCCGCGGGTGGCCACTCCAATATCTGGCTGGCGGTGCGCAATGGCTTGTGGCAG
 TAGATGTGGCGGGCTCGGTGCTGCCGGCGCCGGGCGCGCGTGGCTGACGGTGCCTGGCATCGCGTGG
 CCTAGCCCGGGAGTTCCACAGGCCCGCCCTCACGCTGGCTGCTGTGGTGGACGGCGCGGCGACACCC
 GTGGCTTTGCACGGCTTGGCGGGGACCTGGGTTTCTTACAGGCCCGGGTGCCTGCCTGCTACTGG
 CCGAGAACTTACGGGCTGCCTGGCGGGTGGCGCTCGGCGACCTCCCCTTACCCTTGGCGCCACCGCG
 GTCGCGCGGATGTCTGGGACACGCGAGCACTTATGGCTTGGCCTGGGTCTCCGCGGCGAGTGAGCCTA
 GGCTGCCGGGGCGGCCAGTATGCACGCCCTCGCCCTGCCTGCACGGCGGTGCCTGCCTCGACTCTTCG
 ACGTCTTTGCTTGTCTGCGGCCCGCCTGGGAAGGACCCCGCTGCGAGATCCACGCTGATCCATGTCG
 CTCATCGCCCTGTGTCGGGGCCAAATGAAACACGCGCCCGGACGGCCGCTTCGAGTGTGGTGCCTCCG
 GGTCTTCCGGCCCGCTGCAGGTTGCCTACCTTGCCTCAGGGGTGTAGCCTCAACTCCACCTGCAAGG
 ATGGTGCCCTTGTGGGGTGGCCCTTAGGCACTAACTGCAGTTGCCAGGAAGGCTTGTGTCCTCAG
 ATGTCAGAGTCTTGACCAACCTGTGAAGCCAGTCTTGTCTGAATGGGGCACCTGCCGGTGACCAGT
 GGCATATTTGAATGACTTGCAGTGCAGGATTCTTGCCAGTTCTGTGAAGTGGTAAAACCTGCCTC
 TGCTCTGCCATTCCACTGCTGGAGGTAGCAGTGCCTGCAGCCTGTGCCTGCCTCCTCCTCCTCCT
 GGGCCTCCTCTCAGGAATTCTGGCTGCCAGAAAGCGCCGAGTCTGAGGGCACTTACAGCCCAAGTCAG
 CAGGAGGTAGCTGGGGCTCGTCTGGAGATGGACAGTGTCTCAAGGTGCCACCAGAGGAGAGACTTATCT
 AG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001135761
- Insert Size:** 3852 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001135761.1, NP_001129233.1

RefSeq Size: 3852 bp

RefSeq ORF: 3852 bp

Locus ID: 366031

Cytogenetics: 3q11