

Product datasheet for **RN205495**

Card10 (NM_001130554) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Card10 (NM_001130554) Rat Untagged Clone
Tag: Tag Free
Symbol: Card10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN205495 representing NM_001130554
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGGGCCGGGCGGACGCGGCCGAGGCCGACGAGGAGGCTGGGGCGGGCTCCGGGTCCGAGGCCGAAG
AGGACCGCTATGGGAGCGGATCGAGGGCGTCCGGCACCGGCTGACCCCGGCCCTGAACCCGGCCAAGCT
CACGCCTTATCTGCGCCAGTGCCCGCTTTGGACGAGCAAGACGAGGAGGAGGTGCTCAGCACCTACCGT
TTTCCGTGCCCGCTAACCGTACCGGGCGTCTCATAGACATTTTACGCTGCCGGGCAAGAGGGGCTTCG
AGGCCTTCTGGAAGCGCTGGAATTCTACTACCCAGAACAACCTTCAGCTGCTCACTGGCCAGGAACCTGC
CCAGCGCTGCTCCATGATACTTGTAGAGAGGGGCCAGAGGGCCTGACTCAGTTCTTGTACTGAAAGTC
CGGAGGCTTCGGGAAGCTCGAAAGAGCCAGCTGCACCGAGAACAGCAACTGCAGGCCCGGGGCCGGGCAC
TGGAGGAGGAGCGGGCAGGGTTAGAGCAGCGGCTTCGGGAGCAGCAGGCGGCACAGGAACCTGCCAGCG
GCTGAGGGAGGACTGGGAGGCGGCAGCCTGGAGCTGCTGCGCCTCAAGGATGAGAACTACATGATTGCC
ATGCGCCTGGCTCAGCTCAGCGAGGAGAAGAAGCTCGGCTGTGCTGCGTAGCCGAGACCTGCAGCTTGCGG
TAGATCAGCTCAAGCTCAAAGTCAGCCGATTGGAGGAAGAGTGTGCGCTACTGAGGAGGGCAGGGGCC
ACCGCCTGGGGCTGAAGAGAAGGAGAAGGAGCCAGACGGTGTGGATCTTCTCTCAGAGCTTCGGGCAGAG
AACCAGCGACTGACAGCTTCACTGCAGGAGCTCCAGGAAGGTCTTCAGCAGGAAAATGAGCCGGCCAGGAG
CTGCAGGCTCTGAACGCATTCTGCTGGACATCCTGGAGCATGACTGGAGGGAGGCACAGGACAGCAGGCA
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GCATGGCCACTGTGTTGGCCAGCTGGAGGAGATTGAGAAAGAGCGGGACCAGGCAATCCAGAGCCGAGA
CCGGATCCAGTTGCACTCTCAGAGCCTCATTGAGAAGGATCAGTACCAGCAGGAGGACCAAGGCCATGCTGGAGGCAC
GAGCGGAACCGATGAGCTGCTCACCACAGTACCAGCCTGGAGGGGACCAAGGCCATGCTGGAGGCAC
AGCTACAGCGGACACAGGGGGTTCCAGTCTCAAGGCTTGTGCCTCCACTCCCTGTGCTCCAACT
CAGCAGCACCTGGAGCCTCAGCGAGTTCACATCACCAGTGGGAGGCCAGAAAGCTACAGGAGAAACCGGG
GGATCTGAGCCCCACACCTCGGAGGAAGCCACAGACAGTGAAGGAGATCAACCGGCTCTCTATCTGCT
CCTTTCCACCCAGTGTGCTCCATACTCCGCCGAGCGTGAGGAAGACCCGGAGCCCCCTAAGAGGTC
TTTTAGCAGCATGTCGGATATCACAGGGAGTGTGACCCTAAGCCCTGGTCGCCCGCCTCTCTTCATCA



TCGTCATCTGACAGTGTGTGGCCTTTGGGAAAGCCGGAAGGCCTCCTGGCCCGGGTTGTGGCCTGGACT
 TCCTCAATAGGTCTCTGGCCATCCGAGTGTCCGGCTGGAGTCCCTCTGGGGCCTGGACCCCAGGATAA
 GAGTCCAGATAGCCTGCCGATCCTTGGGGACAGATGGTCTGGGGCAGTGGTGCGAAGGGTGTTCGGGG
 CCTGGTTCGCCAGGACAGAACAAGAGCAAGGGCAGAAGGCAGTGGCCTGGAGGGGACAGGCCTGG
 AAGCTGAGGTCCAGCAGAGGACTTTACCTTGAACCAGAGCTCCACCCTCCCCTTCTGCTGGACTCAA
 GGCTGTGAGTCCATGAGGCCTTGGATGTCTGGGCAAAGGGCCAGGTGCAGAACCCCTTCTACATT
 CGAGCCAACTTCTCCTTGCCTGAGCGGGCAGATCCGCATGCCCTCTGTGTGAAAGCCCAAGAGATCCTGC
 GGTTGGTGGACCCAGCCTACAAGCGGAGGAGGAGTGGTTCTGCACTCGAGTGGACACCCTTACCTTACG
 GGACCTGGACCGGGCACTGTGCCAATTATCAGAGAGCTCAGCAACTTCTAGAAGTCCAGGAAAAATAC
 CTGATCTCCAGCAGACCCGAAGTCTCGAAGCAATCTGAAGAAGCGAGCCCTGGGGCTGGTGGAGCCCA
 AGCCTGCAGGGGGCACTGCAGGAGACTCAGCGAACAGCTACCTGCAGACCCCTGCTCAGAGCTAGAGCG
 AAGCCTAAAACCTACAGCCTGGTGCAGGCACTGTTGGTGTCTGCTCTGAGGCCTGTGGTCTCTGCT
 GAGTGCCTGGCACCTCGCCTTATCCGAATCTGCTGGATCTGCCAGCTCCAGGCTGGATTTCAAGTGT
 GCTCTGCGGAAAGTCTCTGGAGAGGAGCAGTGTACATCCTCGGCTCCCGGAGCCCCAAAGCCTGGCC
 TGCCAGTCTGGCTGGGTAGCAGGATCCGTGCCATCCAGGAGTCTGTTGGGAAGAAGCACTGTCTGCTG
 GAGCTGGGTGCAGGGGAGTACGGGAGTTGGTGCACAGCGAGGTCTACCCATTGTCATCCATGTGGAGG
 TGACTGAGAAGAATGTCCGTGAGATCAGGAGCCTGTTGGGCAGGCCAGGCTGGCGGGATTAGAGCTGCT
 CCGTCAGTGCCGGGGCTCAGAACAGTGGCTCTGGGGACTGCCGTGTTCTGGGTGCAGGTGCCTGCCAT
 CGGTGGGGCCATGCAGAGGAGCTGGCAAGGTGGTTCTGTGGCCGAATCTTGCAGGAACAGGCTCGCCTTG
 TGTGGGTGGAACGAGGCAGCAGCAGAGGGGGCAGTGGCAGCAGCAGTGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAAGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001130554
- Insert Size:** 3066 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_001130554.1](#), [NP_001124026.1](#)
- RefSeq Size:** 3124 bp
- RefSeq ORF:** 3066 bp
- Locus ID:** 315120

Cytogenetics: 7q34