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Product datasheet for RN203676

Card6 (NM_001106413) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Product Name: Card6 (NM_001106413) Rat Untagged Clone

Tag: Tag Free

Symbol: Card6

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

Fully Sequenced ORF:

>RN203676 representing NM_001106413
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTTCAGAGGGTGCTTCCTCAGAAATCATAGAAAAACAGCGAACAAAGTTGCTCAGTGTCCTCCAAC
AAGATCCCGACTCTATCTTGGACACGTTAACCTCTCGGAGACTGATTTCTGAGGAGGAGTATGAGACTCT
AGAGGCAATTACAGATCCTCTGAAGAAAAGCCGGAAGCTGTTAATTTTGATCCAGAAGAAGGGAGAGGAC
AGCTGTTGTTGTTTCCTCAAGTGTCTGTCTAATGCCTTTCCACAGTCAGCTTCCACCTTGGGTTTAAAGC
AGGAAGTTCCACGGCAGGGGACTGGAGAGGTTGTCGAGGTGAGCAGGGGTTTGGAAGATCCCTTTTCTCT
TGGGACCATAACCCCAGAAATAGCAGAGCTCTCAGAAGAGAAAGAATGCCCGGGTCTGGGAGCTCCGGAG
TTCTTCACCTGCAAGGAAAGCAGCCACAGGGAACCGGAAGTACCTTCTTGGGAGAATCAGGAAGGGCGTG
GTGCACAGCAAGTCACCGCTCCGCGTTCAGTCAAAGGAGTTGAGTATGAAGTTCCAGCAAGTATCTCCCT
CTTAAGCGACGGGCAGAGATACGAGGAGCCAGATGATTCGCTGTACTTAGAAGAAGGGGAAGGTGAAGAG
TCTCTTGGGTACCCTGAAGATGTTTTGGAGGAAGGGGCCGGCGATGACCCACAGTGCTTTGTATATGATA
GTGAGGAGGAATGCGAGTATGAGGAAAACATGGGCTCCTCCGGTGAAGACAGTAGCTGCGACGACACTTC
AGAGACCTGCGTTCCATTGGAAGGGGAGAAAAGCGCTGAAGAAAGAAAAAGAGTGTTTCAACACGTCCTG
TCCTGTTTGAACATGGATAGAAACAGAAAGCTTCTCCCAGAGTTCGTGAGGCAGTTTTCCATAGACCGAG
GATGTGAGTGGACACCCAAGACCCCAGGAGACTTAGCTTGGAATTTCTTGATGAAAGTTCAGGCTTTAGA
CTCGACAGCCAGAGATTCTATCCTGAGGCCCGAGGTGGCGGGTGAAGAGAATGAAGAATTGCCGGCTGGA
ATAGAGAAGTTAGGCATTGGAGACCCCCAAACCATCCATCCCCTGGATGTCCTCTGCGCCTGCATGCTTT
GTGCAGACAGCTCCTTGCAGCGTGAAGTCATGTCAAACATGTACCAATGCCAGTTTGCTCTTCCCCTGCT
ACTGCCAGATGCTGAGAACAACAAAAACCTCTTAATGGTAGGGGCCATGAAGGACTTAAAGCAGCCCTCA
GCACAGTCCTCAGGAGGGCCCCTCAGGGAAACAGACACATTTCTGGGTCTCACAAAGATGCCTGTCATCT
CTTTTGTGCGACTAGGACGCTGCAGCTTCTCCAAGTCCAGAATTGTTAACACACTGCTCAGCTCCTCCCA
GCAGAAACCATACCCGATTTTCCTCCATCAGGATCTGTCTGTCCCTGTGCTTCCTCGGCAAATTTCTGAC
GGCCTGGTGGAAGTGACATGGTGCTTTCCTGACAAGTTGCTGAAGGAAAGCCCGCATGCTTTCCAGAAAC
CTGTTGCTGTGGCCAACCTTCGTGGAGATTTAGAAAGCTTTTGGATACAATTTGGTTTCCTGGTAGAAGT
TTCCTCCGGTCTTTTCTTTTTCACAGACTGCCTTGGTGAGAAGGAATGGGACTTGCTAATGTTTTTAGGA

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GAGGACACCATTGAACGGTGCTACTTTATCCTCAGTCCCCAGGCTAAGGAGAGTGAAGAAGCCCAGATTT
TCCAAAGGATCCTAAAACTGAAGCCATCTCAGCTACTGTTTTGGGAAGCTGAGGAAGCTGGGGATAGAAG
GAAGACTATGGAGGCCCTTCAAGCTGCCCTCCAGGAAGTAATGTCCTCTCCACTCAGATGTGTGTCCCTT
GAAGAGATGGCCTCTCTGGCCAGGGAGCTGGGCATTCAGGTAGACCAAGACTTTGAAGTTACTCAAGATA
TTCAAGTTTCCCCCACAACAGTTGAAGGTGAAAACCAACAACCATGTAGTCAGACCAAAAGCCCGGCTGA
AAGCGGAGCTCAGGAGCCAATCAGAGAGCCAGGGGCTCAATGTGACGACAGTCAGAATGCTCCGGTTTTC
CATCAGACTCCAGTATACATGCCTTATCCAGCACACCCATGGCCTCTGCCCATCAAAGCTGGAGGTAACT
TTTACCACGTTCCTTTGAATGCCCCCTGGGTTATGGGCTCCCACTTTGGATCACAGCAGAGGGCTAAGTG
GTTCTTTCCATTCCCACACCAGAATACAAGTGTTCACAGCAGAGGGCAAAACTTTAGTATTAAATATTTC
CAACCCTGGAGATGTTATTCAAGGGGAAGATTCACAAATTGTTCAGCAAAGTCTCAGCAGAATCAGAATG
GACCATTTGGGAGATCGCAGAGACAGACTTCTCATCCTGAGAACAGGCAGACATCCAGAACTCGTCAGAG
GTCTGGGACAGCGGCCTCTCATGTTGGTCACATACATTCTTCTGGTTCACAAGCAACAAAAGCCACAGGG
AAGCCACACTCTGAGAAAGCCCGTGCCCAGGGGATGCAGCTGACTAAAGCAGCTGGAAAATCTATAAGGA
CACAGTCCCATATTAAACATCCACACCCTCAGCCCTGTCAGCCAGCAGGAGCCATTCAAGAACGAATAAT
ACCCACTTCTCATCAAGAAGCCCAACGAACAACACAGGGGAGGCCTTCAGATCTGGCTTTCAAACCAGGC
TCTCAATCTACATCTGGGAATAAACATTCATCTGCCTCCCAGTACAACTCCCATCCACCCAACTTCCAGA
GCAAACACTTCCAGCCTAAGCCCTTTCAACCCGTGCCTTCTCACTCCCAGCCTTCCCAAGCTAAACCCAC
TCATCTGAATCCCTCTCCTGCTAACTACACTCATGTGCAGCCTTCCCATGCTAAACCCACTCACTCTAAG
GCCTTCCAAGCTAACTCCCACCATCCCCATCCCTCCCATGCTAAACCCACTCATCTGAATCCCTCTCATG
CTAACCCCACTCATGTGCAGCCTTCCCATGCTAAACCCACTCACTCTAATCTTCCCAAACAAAACCCTCC
CCATCCCAATCTACTCAGTTCACGGCACACAAACCTCAGCAGTCCCAGTCTAAGCCTTCTCAGCAGAGAC
CCAGTCAGCCTAAATCATCCCAGACCAAGCCTTCACAGGCCAGGGCCTCCCACCCAAGAGCAGGGAGACG
TTAAAGAACATACTCTGGAGATCTGTGAAATAAAGTATGGTCTTTGCTTAAGTTATTCTTCTCATATAGC
AGTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001106413

Insert Size: 3297 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_001106413.1, NP_001099883.1

RefSeq Size: 4239 bp

RefSeq ORF:	3297 bp
Locus ID:	294770
Cytogenetics:	2q16