

Product datasheet for **MC223839**

Card6 (NM_001163138) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Card6 (NM_001163138) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Card6 |
| Synonyms: | D730008L15 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >MC223839 representing NM_001163138 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCTACAGAGGGTGCCTCCTCAGAACTCATAGAAAAAACGTACGAAGTTGCTCAGTGTCTCCAAC
AAGATCCGGACTCTATCTTGGACACGTTAACCTCTCGGAGCCTGATTTCTGAGAAGGAGTATGAGACTCT
GGAGGAAATCACAGATCCCCTGAAGAAAAGTCGGAAGCTGTTAATTTTGATACAGAAAAAGGAGAGGAC
AGCTGTCGGCGTTTCTCCGGTGTGGTCTAATGCCTTCCAGAGTCAGCGTCCACAGTGGGCTTCAAGC
ACGAAGTTCACGGCAGGAAGCTGAAGAGACTGTGGGGTGAACAGGAATTCTGAAGATCCCCTTCTCT
TGGGACAATAATCCCGGAGATAGCAGAGCTCTCAGAAGAGAAAGAATGTCTAGATCTGAGAGCTTTGAAG
TTCTTACCTACAAGGAAAGTGGCCACAGGGAACCTGCAGTATCTCCCGGAGAACAGGAAGGGCATG
GGACACCGCAGGTCACGGCTCCCATTCAGTCAAAGAGTTGAGTATGAAGTCCCAGCAAGTATCACCTT
CTTAAGCAATGGACAGAGATACGAGGAGCCAGATGATTCGCTGTACTTAGAGGAAGGGGAACATCAAGAG
TACCTTGGGTTCCCTGAAGATGTCGAGACTGTCTTGGAGGAAGAGGCCGGCAAGGACCCACAGTGCCTTG
TATATGATAATGAAGAGGAATGGGAGAATGAAGAGACCATGGGGTTCTCCAGTGAAGCCAGTAGCTGTT
AGAGATCAATTTCTCATTGGAGGAGGAGGAGGAGAAAAGCGCTGAAGAGAGAAAAAGAGTATTTCCAGCAT
GTTCTGTCTTGTGAAACATGGATAGAAGCAGGAAGCTTCTCCAGATTCTGTGAAGCATTTTCCACAG
ACCGAGGACGTGAGTGGACACCCGAGACCCAGGGGACTTAGCTTGAATTTCTGATGAAGGTTTCAGGC
TTTAGACTCGACAGCCAGAGATTTTACCTTAGGCACAAGATGGTGGATGAAGAGAACAAGAAGTCTG
CTGGCTAGAATGGAGAAGTTAGGAATTGGAGACGCACAAACCATCCATCCCCTGGATGTCTCTGCGCCT
GCATGCTTGGCAGACAGCTCTTGAACGTGAAGTCATGTCAAATATGTACCACTGCTGCTTTGCTCT
TCCCCTGCTACTGCCAGATGCAGAGAACAACAAGCATCTTAATGATGGGGCCATGAAGGACCTAAAG
CAGCACGAACGCAGTCTCAGGCGGGCCCCCAGGAAACAGACGCGTCTCTGAGTCTCATGAAGATGC
CTGTCATCTCTTTGTGCGACTGGGACACTGCAGTCTCCAAGTCCAGAATTCTGAACACACTGCTCAG
CTCCTCTGCAGAAACCACACAGTTTTTCTCCGTCGGACCTGTCGGTCCCTGTGCTGCCTCGGCAA



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ATTTCTGATGGCCTGGTGAAGTGATGTGGCACTTTCCCGACGATGCAGAGCTAACGGTGAGCCACACG
 TTTTCCAGAAACCTGTTGCTGTGGCCAACCTTCGTGGCGATCTAGAAAGCTTTTGGGTGCAATTTGGGT
 TCTGGTGAAGTTTCTCCGCTGTGTTCTTCTCACAGACTGCCTCGGGGAGAAGGAGCGGGCCCTGCTG
 AGGTTCTTAGGAGACGATGCCATTGAAAGGTGCTACGTCATCCTCAGTCCCAGGCCAAGGAGAGTGAAG
 AGGTCAGATTTTCCAAAAGATCCTAAAAGTGGGCCATCACAGCTACTGTTTTGGGAAGTAGAGGAAGC
 CGGGGATAGAAGGAGGCTATGGAGGCCCTTCAAGCTGCCCTCCAGGAAGTAATGTCGTCTCCACTCAA
 TGTGTGCCCTTGAAGATATGGCCTGTCTGGCCAGGGAGCTGGGGATTTCAGGTAGACCAAGACTTTGAAG
 TTATTTCAAGATACTCAAGTTTCCCCAGAACAAATTGAAGGTGAGAACCAGCAACCACAGAGTCAGACAAA
 AAGCCCATCTGAAAGCCGAACCTCAGAAGCCACTCAGAGAGCCTGGAACCTCAATGTGAGGACAGCCAGAAT
 GCTGTAATCTTCCATCAGACTCCAGTATTTCATGCCTTATCCAGCACACCCATGGCCCTTGCCATTGAAG
 CTGGAAGTAACTTTTACCATGTTCTTTGAGAGCCCCCGGGCTATAAGCTCCCCTTTAGATCAGACGA
 GAAGGCTGAGTGGTTCTTTCCATTCCCCATCAGAATACAAGTGTTCACAGCAGAGGTCAAACTTTGCT
 ATTAATACCTCCAACCTGGAGATTTTATTCAAGGGAAAGATTCACAAGATGTTAGCAACTCCTCAGC
 AGTATCACCCGAATGGACATTTGGGAGATCACAGAGACAGGCTTCTCCTGTACAGACCCATCCTAAGAG
 CAGGCAGATGTCCAGAACTCTTGAGAGGTCTGGGACAGTGGTCTCTCGAGTAGGTCACGGACGTTCTCTT
 GGCTCACAAAGCAAGGAGAGCTGCAGGGAAGCCACAACCTGAGAAAGCCTGTGCGCAGGGGCTGCAGCTGA
 CTAAAGCAGCTGGAAGTCTATAAGGACACTGCCCCACATTAATATCCTCACCCCTCAGCCCTGTCAGCC
 AGCAGGAGCCAGTCAAGAACGGATAATGCCAGTCTCTCATCAAGGAGCCCAACAACAACACAGGGAAGG
 CCTGCGGATTTTGCTTTCAAACCCAGGGTCTCAATCTACATCTGGGAGTAACTTTTCATCTACCTCCAGT
 CCAGCGCCCATCAACCCAAATTCAGAGCAAACACTTCCAGCCTCAGCCGTTTCAAACCCGTGCCTTCTCA
 GAAAAAACCGTCTCACTCCCGGCCCTCCCAAGCTAACCCCTCATCTGGATCCCTCTCATGCAACCTT
 ACTCAGGGGACGCTTCCCAAGCTACACCCACTCACTCCAGGCCTCCCAAGCTAAACCCACTCACTCTC
 AAGCTAACTCTCATCATCCACATCCCTCCCATGCTAAACCTTCTCATCAGAATCCCTCTCATGTAACCC
 TACTCATCCGAGTCTCCCATGCTAAGCCCTCTCATCCGAGTCTCCCATGCTAAGCCCTCTCATCCA
 CAGTCTCCCATGCTAAGCCCTCTCATCCACAGTCTCCCATGCTAAGCCCTCTCATCCACAGTCTCC
 AAGCTAAGCCCTCTCATCCACAGTCTCCCAAGCTAAGCCCACTCATCCACAGTCTCCCAAGCTAACTC
 CCATCATCCACAGGCTCCCAAGCTAAGCCCTCTCATCCACAGTCTCCCATGCTAAGCCCTCTCATCCG
 CATCCCTCCCATGCTAAGCCCTCCCATCCAGTCTACTCAGTGAAGGCACATAAAGCCCATCAGTCCC
 AACCTAAGCCTTTTCAACCGAGACCCACTCAACCTAAATCCTCGAAGACTAAGCCTTACAGGCCAGGGC
 CTTCCACCCAAGAGCAGGGAGACGTAA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
 ACCN: NM_001163138
 Insert Size: 3528 bp

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| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p> |
| 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: | <ol style="list-style-type: none"> 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: | <u>NM_001163138.1, NP_001156610.1</u> |
| RefSeq Size: | 4531 bp |
| RefSeq ORF: | 3528 bp |
| Locus ID: | 239319 |
| Cytogenetics: | 15 A1 |