

## Product datasheet for **RC215899A1V**

### Human CARD9 (NM\_052813) AAV Particle

#### Product data:

|                           |                                      |
|---------------------------|--------------------------------------|
| Product Type:             | AAV Particles                        |
| Product Name:             | Human CARD9 (NM_052813) AAV Particle |
| Tag:                      | Myc-DDK                              |
| Symbol:                   | CARD9                                |
| Synonyms:                 | CANDF2; hCARD9                       |
| Mammalian Cell Selection: | None                                 |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)           |



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## ORF Nucleotide Sequence:

>RC215899 representing NM\_052813  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGTCGGACTACGAGAACGATGACGAGTCTGGAACGTCCTGGAGGGCTTCCGGGTGACGCTCACCTCGG  
 TCATCGACCCCTCACGCATCACACCTTACCTGCGGCAGTGCAAGGTCTGAACCTGATGATGAGGAGCA  
 GGTGCTCAGCGACCCCAACCTGGTCATCCGCAAACGAAAGTGGGTGTGCTCCTGGACATCCTGCAGCGG  
 ACCGGCCACAAGGGCTACGTGGCCTTCTCGAGAGCCTGGAGCTCTACTACCGCAGCTGTACAAGAAGG  
 TCACAGGCAAGGAGCCGGCCCGCTTCTCCATGATCATCGACGCTCCGGGGAGTCAGGCCTGACTCA  
 GCTGCTGATGACTGAGGTCTGAAGCTGCAGAAGAAGGTGCAGGACCTGACCGCGCTGCTGAGCTCCAA  
 GATGACTTCATCAAGGAGCTGCGGGTGAAGGACAGCCTGCTGCGCAAGCACCAGGAGCGTGTGCAGAGGC  
 TCAAGGAGGAGTGCAGGCGCGCAGCCGCGAGCTCAAGCGCTGCAAGGAGGAGAACTACGACCTGGCCAT  
 GCGCCTGGCGCACCAGAGTGAGGAGAAGGGCGCCGCGCTCATGCGGAACCGTGACCTGCAGCTGGAGATT  
 GACCAGCTCAAGCACAGCCTCATGAAGGCCGAGGACACTGCAAGGTGGAGCGCAAGCACACGCTGAAGC  
 TCAGGCACGCCATGGAGCAGCGCCAGCCAGGAGCTGCTGTGGGAGCTGCAGCAGGAGAGAGGCCCTGCT  
 CCAGGCCCGGGTGCAGGAGCTGGAGGCCTCCGTCCAGGAGGGGAAGCTGGACAGGAGCAGCCCTACATC  
 CAGGTACTGGAGGAGGACTGGCGGCAGGCGCTGCGGGACCAAGGAGCAGGCCAACACCATCTTCTCCC  
 TGCGAAGGACCTCCGCCAGGGCGAGGCCGACGCCTCCGGTGCATGGAGGAGAAGGAGATGTTTCGAGCT  
 GCAGTGCTTGGCACTACGTAAGGACTCCAAGATGTACAAGGACCGCATCGAGGCCATCCTGCTGCAGATG  
 GAGGAGGTGCGCATTGAGCGGGACAGGCCATAGCCACGCGGGAGGAGCTGCACGCACAGCACGCCCGGG  
 GCCTGCAGGAGAAGGACGCGCTGCGCAAGCAGGTGCGGGAGCTGGGCGAGAAGGCGGATGAGCTGCAGCT  
 GCAGGTGTTCCAGTGTGAGGCGCAGCTACTGGCGTGGAGGGCAGGCTCAGGCGGCAGCAGCTGGAGACG  
 CTCGCTCTGAGCTCCGACCTGGAAGATGGCTCACCCAGGAGGTCCAGGAGCTCTCACTCCCCAGGACC  
 TGGAGGACACCCAGCTCTCAGACAAAGGCTGCCTTGCCGGCGGGGGAGCCGAAACAGCCCTTTGCAGC  
 TCTGCACCAGGAGCAGGTTTTGCGGAACCCCCATGACGCAGGCCTGAGCAGCGGGGAGCCGCCGAGAAG  
 GAGCGGCGGCCCTCAAAGAGAGTTTTGAGAACTACCGCAGGAAGCGCGCCCTCAGGAAGATGCAGAAAG  
 GATGGCGGCAGGGGGAGGAGGACCGGGAGAACACACCGGCAGCGACAACACCGACACTGAGGGCTCC

ACCGGCGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACA  
 AGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC215899 representing NM\_052813  
 Red=Cloning site Green=Tags(s)

MSDYENDEECWNVLEGRVLTSTVIDPSRITPYLRQCKVLNPDDEEQVLSDPNLVIRKRKVGVLDDILQR  
 TGHKGYVAFLESLELYYPQLYKKVTGKEPARVFSMIIDASGESLTQLLMTEVMKLQKKVQDLTALLSSK  
 DDFIKELRVKDSLLRKHQERVQRLKEECEAGSRELKRCKEENYDLAMRLAHQSEEKGAALMRNRLQLEI  
 DQLKHSMLKAEDDCKVERKHTLKL RHAMEQRPSQELLWELQKEKALLQARVQELEASVQEGKLDRSSPYI  
 QVLEEDWRQALRDHQEQANTIFSLRKDLRQGEARRLRCEEMKEMFELQCLALRKDSKMYKDRIEAILLQM  
 EEVAIERDQAIATREELHAQHARGLQEKDALRKQVRELGEKADELQLQVFQCEAQLLAVEGRLLRRQLET  
 LVLSSDLEDGSPRRSQELSLPQDLEDLQQLSDKGCLAGGSPKQPFALHQQEVLRNPHDAGLSSGEPPEK  
 ERRRLKESFENYRRKRALRKMKGWRQGEEDRENTTGSNDTDEGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM\_052813

ORF Size:

1608 bp

|               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Buffer:       | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stability:    | AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus. |
| RefSeq:       | <u>NM_052813.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| RefSeq Size:  | 2136 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1611 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 64170                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>Q9H257</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 9q34.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:           | 62.1 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |