

Product datasheet for **RC225844A1V**

Human **CARD9 (NM_052814)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CARD9 (NM_052814) 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:

>RC225844 representing NM_052814
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTCGGACTACGAGAACGATGACGAGTCTGGAGCGTCTGGAGGGCTTCCGGGTGACGCTCACCTCGG
 TCATCGACCCCTCAGCATCACACCTTACTGCGGCAGTGAAGGTCTGAACCCGATGATGAGGAGCA
 GGTGCTCAGCGACCCAACTGGTCATCCGCAAACGAAAGTGGGTGTGCTCCTGGACATCCTGCAGCGG
 ACCGGCCACAAGGGCTACGTGGCCTTCTCGAGAGCCTGGAGCTCTACTACCCGAGCTGTACAAGAAGG
 TCACAGGCAAGGAGCCGGCCCGCTTCTCCATGATCATCGACGCGTCCGGGGAGTCAGGCCTGACTCA
 GCTGCTGATGACTGAGGTGATGAAGCTGCAGAAGAAGTGCAGGACCTGACCGCGCTGCTGAGCTCCAAA
 GATGACTTCATCAAGGAGCTGCGGGTGAAGGACAGCCTGCTGCGCAAGCACCAGGAGCGTGTGCAGAGGC
 TCAAGGAGGAGTGCAGGCGCCGAGCCGCGAGCTCAAGCGCTGCAAGGAGGAGAACTACGACCTGGCCAT
 GCGCCTGGCGCACAGAGTGAAGGAGGCGCCGCGCTCATGCGGAACCGTGACCTGCAGCTGGAGATT
 GACCAGCTCAAGCACAGCCTCATGAAGGCCGAGGACGACTGCAAGGTGGAGCGCAAGCACAGCTGAAGC
 TCAGGCACGCCATGGAGCAGCGCCAGCCAGGAGCTGCTGTGGGAGCTGCAGCAGGAGAAAGGCCCTGCT
 CCAGGCCCGGGTGCAGGAGCTGGAGGCCTCCGTCCAGGAGGGGAAGCTGGACAGGAGCAGCCCTACATC
 CAGGACTGGAGGAGGACTGGCGGCAGGCGCTGCGGGACCACCAGGAGCAGGCCAACACCATCTTCTCCC
 TGCGCAAGGACCTCCGCCAGGGCGAGGCCGACGCTCCGGTGCATGGAGGAGAAGGAGATGTTTCGAGCT
 GCAGTGCCTGGCACTACGTAAGGACTCCAAGATGTACAAGGACCGCATCGAGGCCATCCTGCTGCAGATG
 GAGGAGGTCGCCATTGAGCGGGACCAGGCCATAGCCACGCGGGAGGAGCTGCACGCACAGCAGCCCGGG
 GCCTGCAGGAGAAGGACGCGCTGCGCAAGCAGGTGCGGGAGCTGGGCGAGAAGGGCGGATGAGCTGCAGCT
 GCAGGTGTTCCAGTGTGAGGCGCAGCTACTGGCGTGGAGGGCAGGCTCAGGCGGCAGCAGCTGGAGACG
 CTCGCTCTGAGCTCCGACCTGGAAGATGGCTCACCCAGGAGTCCCAGGAGCTCTCACTCCCCAGGACC
 TGGAGGACACCCAGCTCTCAGACAAAGGCTGCCTTGCCGGCGGGGGAGCCGAAACAGCCCTTTGCAGC
 TCTGCACCAGGAGCAGGTTTTGCGGAACCCCATGACGCAGGCCAGCCGGACTGCCGGCATTGGGGCC
 GTTTGT

ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGA
TTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225844 representing NM_052814
 Red=Cloning site Green=Tags(s)

MSDYENDECSVLEGFVTLTSVIDPSRITPYLRQCKVLNPDDEEQVLSDPNLVIRKRKVGVLIDILQR
 TGHKGYVAFLESLELYPQLYKVTGKEPARVFSMIIDASGESLTLQLLMTEVMKLQKKVQDLTALLSSK
 DDFIKELRVKDSLLRKHQERVQRLKEECEAGSRELKRCKEENYDLAMRLAHQSEEKGAALMRNLDLQLEI
 DQLKHSLMKAEDDCKVERKHTLKL RHAMEQRPSQELLWELQKEKALLQARVQELEASVQEGKLDRSSPYI
 QVLEEDWRQALRDHQEQANTIFSLRKDLRQGEARRLRMEEKEMFELQCLALRKDSKMYKDRIEAILLQM
 EEVAIERDQAIATREELHAQHARGLQEKDALRKQVRELGEKADELQLQVFQCEAQLLAVEGRLRRQLET
 LVLSSDLEDGSPRRSQELSLPQDLEDLQLSDKGLAGGGSPKQPFALHQEQVLRNPHDAGPAGLPGIGAVC

TRRL**EQKLISEEDLAANDILDYKDDDDK****V**

Species:

Human

Serotype:

AAV-2

ACCN:

NM_052814

ORF Size:

1476 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_052814.3</u>
RefSeq ORF:	1479 bp
Locus ID:	64170
UniProt ID:	<u>Q9H257</u>
Cytogenetics:	9q34.3
MW:	56.5 kDa