

Product datasheet for **RC230245A1V**

Human CARD8 (NM_001184900) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CARD8 (NM_001184900) AAV Particle
Tag:	Myc-DDK
Symbol:	CARD8
Synonyms:	CARDINAL; DACAR; DAKAR; NDPP; NDPP1; TUCAN
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC230245 representing NM_001184900
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAAAAAAGGAGTGTCCAGAAAAGAGTAGCAGCAGTGAGGAAGAGCTGCCGAGACGGGACAGTGGAT
 CCAGTAGGAACATAGATGCATCCAACTCATTAGACTACAAGGATCACGGAACTGTTGGTTGACAATAG
 CATACGGGAACTGCAATACACAAAACTGGAATTTTTTTTTCAGGCTGAGGCCTGTGTGACAAATGATACG
 GTATACAGGGAGCTACCCTGTGTTTCTGAGACCCTTTGTGACATCTCACATTTTTTCCAAGAAGATGATG
 AGACAGAGGCAGAGCCATTATTGTTCCGTGCTGTTCTGAGTGTCAACTATCTGGGGGGACATTTCCAG
 TGTATCAGAAGAGCAGGAATCTCAGAGGGACAAGATTCAGGAGACATTTGCTCAGAAGAGAATCAAATA
 GTTTCCTCTTATGCTTCTAAAGTCTGTTTTGAGATCGAAGAAGATTATAAAATCGTCAGTTTCTGGGGC
 CTGAAGGAAATGTGGATGTTGAGTTGATTGATAAGAGCACAAACAGATACAGCGTTTGGTCCCCACTGC
 TGGCTGGTATCTGTGGTCAGCCACAGGCTCGGCTTCTGGTAAGGGATGAGGTCACAGTGACGATTGCG
 TTTGGTTCCTGGAGTCAGCACCTGGCCCTGGACCTGCAGCACCATGAACAGTGGCTGGTGGGCGGCCCT
 TGTTTGATGTCAGTGCAGAGCCAGAGGAGGCTGTCGCCGAAATCCACCTCCCCCACTTCATCTCCCTCCA
 AGCAGGTGAGGTGGACGCTCTCCTGGTTTCTCGTTGCCCATTTAAGAATGAAGGGATGGTCTGGAGCAT
 CCAGCCCGGTGGAGCCTTTCTATGCTGTCTGGAAGCCCCAGCTTCTCTGATGGGCATCCTGCTGC
 GGATCGCCAGTGGGACTCGCCTCTCCATCCCCATCACTTCCAACACATTGATCTATTACCCCCACCC
 CGAAGATATTAAGTTCACCTGTACCTTGTCCCCAGCGACGCTTGCTAACAAAGGCGATAGATGATGAG
 GAAGATCGCTTCCATGGTGTGCGCTGCAGACTTCGCCCCAATGGAACCCCTGAACCTTGGTTCAGTT
 ATATTGTGCTAATTCTGCTAACCTGAAAGTAATGCCAAGGAGTTGAAATTGCTACAGGAGCCCTGG
 AGAAATTCAGCACTTCTCAAAATTTCTATGCTGGGCAGATGAAGGAACCCATTCAACTTGAGATTACTGAA
 AAAAGACATGGGACTTTGGTGTGGGATACTGAGGTGAAGCCAGTGGATCTCCAGCTTGTAGCTGCATCAG
 CCCCTCCTCTTCTCAGGTGCAGCCTTTGTGAAGGAGAACCACCGGCAACTCCAAGCCAGGATGGGGGA
 CCTGAAAGGGGTGCTCGATGATCTCCAAGACAATGAGGTTCTTACTGAGAATGAGAAGGAGCTGGTGGAG
 CAGGAAAAGACACGGCAGAGCAAGAATGAGGCTTGTGAGCATGGTGGAGAAGAAAGGGGACCTGGCCC
 TGGACGTGCTCTTCAGAAGCATTAGTGAAGGGACCCTTACCTCGTGTCTATCTTAGACAGCAGAATTT
 G

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEKKECEPKSSSSEELPRRDSGSSRNIDASKLIRLQGSRKLLVDNSIRELQYTKTGIFFQAEACVTNDT
 VYRELPCVSETLCDISHFFQEDDETEAEPLLFRAVPECQLSGGDIPSVSEEQESSEGGQDSDICSEENQI
 VSSYASKVCFEIEEDYKNRQFLGPEGNVDVELIDKSTNRYSVWFPTAGWYLWSATGLGFLVRDEVTVTIA
 FGWSQHLALDLQHHEQWLVGGLFDVTAEPPEEVAEIHLPHFISLQAGEVDVSWFLVAHFKNEMVLEH
 PARVEPFYAVLESPFSLMGILLRIASGTRLIPITSNTLIYYHPHPEDIKFHLYLVPDALLTKAIDDE
 EDRFHGVRQLTSPMEPLNFGSSYIVSNSANLKVMPKELKLSYRSPGEIQHFSKFYAGQMKEPIQLEITE
 KRHGTLVWDTEVKPVDLQLVAASAPPPFSGAAFVKENHRQLQARMGDLKGVLDLQDNEVL TENEKELVE
 QEKTRQSKNEALLSMVEKKGDLALDVLFRSISERDPYLVSYLRQQNL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001184900

ORF Size:	1611 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_001184900.1</u>
RefSeq ORF:	1614 bp
Locus ID:	22900
UniProt ID:	<u>Q9Y2G2</u>
Cytogenetics:	19q13.33
MW:	61.1 kDa