

Product datasheet for **RC217483A1V**

Human PRMT4 (CARM1) (NM_199141) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRMT4 (CARM1) (NM_199141) AAV Particle
Tag:	Myc-DDK
Symbol:	CARM1
Synonyms:	PRMT4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217483 representing NM_199141
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCAGCGCGCGCGCGCGGTGGGGCCGGGCGCGGAGGCGCGGGTCCGGCGTCCCGGCGCGCGG
 GGCCCTGCGCTACCGTGTGCGGTGTTCCCGGCGCCCGCTCCTCACCATCGGCGACGCGAACGGCGAGAT
 CCAGCGGACGCGGAGCAGCAGGCGCTGCGCCTCGAGGTGCGCGCCGGCCCGGACTCGGCGGGCATCGCC
 CTCTACAGCCATGAAGATGTGTGTCTTTAAGTGCTCAGTGTCCCGAGAGACAGAGTGCAGCCGTGTGG
 GCAAGCAGTCTTCATCATCACCTGGGCTGCAACAGCGTCTCATCCAGTTCGCCACACCCAAACGATTT
 CTGTTCTTCTACAACATCTGAAAACCTGCCGGGGCCACACCCTGGAGCGGTCTGTGTTACGCGAGCGG
 ACGGAGGAGTCTTCTGCCGTGCAGTACTTCCAGTTTTATGGCTACCTGTCCAGCAGCAGAACATGATGC
 AGGACTACGTGCGGACAGGCACCTACCAGCGCGCCATCCTGCAAAACACACCGACTTCAAGGACAAGAT
 CGTTCTTGATGTT:GGCTGTGGCTCTGGGATCCTGTGTTTTTGGCCCGCAAGCTGGAGCAGGAAAAT
 CTACGCGGTGG:AGGCCAGCACCATGGCCAGCACGC:TGAGGTCTTGGTGAAGAGTAACAACCTGACGG
 ACCGCATCGTGGTTCATCCCGGCAAGGTGGA:GGA:GGTGT:CACT:CCCC:G:AGCAGGTGGACATCAT
 CAT:CTCGAGCCCATGGGCTACATGCTCTTCAACGA:GCGCATGCTGGAGAGCTACCTCCACGCCA:AG
 AAGTACCTGAAGCCAGCGGAAACATGTTTCTACCATTGGTGACGTCCACCTTGACCCCTTACGGATG
 AACAGCTCTACATGGAGCAGTTCACCAAGGCCAACTTCTGGTACCAGCCATCTTTCCATGGAGTGGACCT
 GTCGGCCCTCCGAGGTGCCGCGGTGGATGAGTATTTCCGGCAGCCTGTGGTGGACACATTTGACATCCGG
 ATCCTGATGGCCAAGTCTGTCAAGTACACGTTGAATCTTCTAGAAGCCAAAGAAGGAGATTTGCACAGGA
 TAGAAATCCCATTCAAATTCACATGCTGCATTCAGGGCTGGTCCACGGCCTGGCTTTCTGGTTTGACGT
 TGCTTTTCATCGGCTCCATAATGACCGTGTGGTGTCCACAGCCCCGACAGAGCCCTGACCCACTGGTAC
 CAGGTGCGGTGCTGTTCCAGTCACTGTTCCGCAAGGCAGGGGACACGCTCTCAGGGACATGCTGTC
 TTATTGCCAACAAGAGCAGAGCTACGACATCAGTATTGTGGCCAGGTGGACCAGACCGGCTCCAAGTC
 CAGTAACCTCCTGGATCTGAAAAACCCCTTCTTTAGATACAGGGCACAACGCCCTACCCCCACCCGGC
 TCCCACTACACATCTCCTCGGAAAACATGTGGAACACGGGCAGCACCTACAACCTCAGCAGCGGGATGG
 CCGTGGCAGGGATGCCGACCGCTATGACTTGAGCAGTGTATTGCCAGTGGTCCAGCGTGGGCCATAA
 CAACCTGATTCTTTAGCCAACACGGGATTGTCAATCACCCCACTCCCGGATGGGCTCCATAATGAGC
 ACGGGGATTGTCAAGGGTCTCCGGCGCCAGGGCAGTGGTGGTGGCAGCAGAGTGGCCACTATGCAG
 TCAACAGCCAGTTCACCATGGGCGGCCCGCCATCTCCATGGCGTCGCCCATGTCCATCCCGACCAACAC
 CATGCACTACGGGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAAAAVPGPAGGAGSAVPGGAGPCATVSVPFARLLTIGDANGEIQRHAEQQALRLEVRAGPDSAGIA
 LYSHEDEVCFKCSVSRETECSRVGKQSFIIITLGCNSVLIQFATPNDFCSFYNILKTCRGHTLERSVFSER
 TEESAVQYFQFYGYLSQQQNMMDYVRTGTQRAILQNHDFDKDKIVLDVXLWLWDPVVFCRPSWSTEN
 LRGXRPAPWPSTXEVLKSNLTDRIIVIPGKVGXGXPPXXQVDIIIXLGAHGLHALQRXACWRATSTPX
 KYLKPSGNMFPITGDVHLAPFTDEQLYMEQFTKANFWYQPSFHGVDSLALRGAADVDFRQPVVDTFDIR
 ILMKSVKYTVNFLEAKEGDLHRIEIPFKFHLHSGLVHGLAFWDFVAFIGSIMTVWLSTAPTEPLTHWY
 QVRCLFQSPLFAKAGDTLSGTCLLIANKRQSYDISIVAQVDQTSKSSNLLDLKNPFFRYTGTPSPPPG
 SHYTPSENMMWNTGSTYNLSSGMAVAGMPTAYDLSSVIASSSVGHNNLIPLANTGIVNHTSHRMSIMS
 TGIVQGSSTAQSGGGSTSAHYAVNSQFTMGPAISMASPMSIPTNTMHYGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_199141
ORF Size:	1836 bp
Buffer:	PBS with 0.001% Pluronic F7698
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_199141.1, NP_954592.1</u>
RefSeq Size:	2968 bp
RefSeq ORF:	1827 bp
Locus ID:	10498
UniProt ID:	<u>Q86X55</u>
Cytogenetics:	19p13.2
MW:	65.7 kDa