

Product datasheet for **RC201672A1V**

Human PRMT7 (NM_019023) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRMT7 (NM_019023) AAV Particle
Tag:	Myc-DDK
Symbol:	PRMT7
Synonyms:	SBIDDS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201672 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGATCTTCTGCAGTCGGGCCAATCCGACCACGGGGTCTGTGGAGTGGCTGGAGGAGGATGAACACT
ATGATTACCACCAGGAGATTGCAAGGTCACTTTATGCAGATATGCTACATGACAAAGACAGAAATGTAAA
ATACTACCAAGGTATCCGGGCTGCCGTGAGCAGGGTGAAGGACAGAGGACAGAAGGCCTTGGTTCTCGAC
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AGGTTTTCAAGCCTATGGCTGATGCTGCTGTGAAGATTGTGGAGAAAAATGGCTTTAGTGATAAGATTAA
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CTGGTCACAGAGTTGTTTGACACAGAGCTGATCGGGGAGGGGGCGCTGCCCTCCTATGAGCACGCACACA
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CGGGAGGATGTGGTCGTGGAACAAGCTATTTCCATCCACGTGCAGACCAGCCTCGGAGAGCAGGTCATC
GTCCCTCCCGTTGACGTGGAGAGCTGCCCTGGCGCACCCCTCTGTCTGTGACATTAGCTGAACCAAGGTGT
CACCAGCCGACTTTACAGTCCTCAGCGATGTGTGCCCATGTTACAGCATAGACTTCAGCAAGCAAGTCAG
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ACCAGCCCTGAAAAGAATGAGAGAGTCCGCCAGATGCGCCCCGTGTGTGACTGCCAGGCTCACCTGCTCT
GGAACCGGCCTCGGTTTGGAGAGATCAATGACCAGGACAGAAGTATCGATACGTCCAGGCTCTGAGGAC
CGTGCTGAAGCCAGACAGCGTGTGCCTGTGTGTCAGCGATGGCAGCCTGCTCTCCGTGCTGGCCCATCAC
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CAGCCTCGCTGCACGCTGTGGTTGTGGAGTTCAGGGACCTGTGGCGGATCCGGAGCCCTGTGGTACTG
CGAAGGCTTCGACGTGCACATCATGGACGACATGATTAAGCGTGCCCTGGACTTCAGGGAGAGCAGGGAA
GCTGAGCCCCACCCGCTGTGGGAGTACCCATGCCGCAGCCTCTCCGAGCCCTGGCAGATCCTGACCTTTG
ACTTCCAGCAGCCGGTGCCCTGCAGCCCTGTGTGCCGAGGGCACTGTGGAGCTCAGAAAGGCCCGGGCA
GAGCCACGCAGCGGTGCTATGGATGGAGTACCACCTGACCCCGGAGTGCACGCTCAGCACTGGCCTCCTG
GAGCCTGCAGACCCCGAGGGGGGCTGCTGCTGGAACCCCCACTGCAAGCAGGCCGTCTACTTCTTCAGCC
CTGCCCCAGATCCCAGAGCACTGCTGGGTGGCCACGGACTGTCAGCTATGCAGTGGAGTTTACCCCGA
CACAGGCGACATCATATGGAGTTCAGGCATGCAGATACCCAGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201672 protein sequence Red=Cloning site Green=Tags(s) MKIFCSRANPTTGSVEWLEEDHYDHYQEIARSSYADMLHDKDRNVKYYQGIRAAVSRVKDRGQKALVLD IGTGTGLLSMMAVTAGADFCYAEVFKPMADAADVIVEKNGFSDKIKVINKHSTEVTVGPEGDMPCRANI LVTELFDTELIGEGALPSYEHHRHLVEENCEAVPHRATVYAQLVESGRMWSWNKLFPIHVQTSLSGEQVI VPPVDVESCPGAPSVCDIQLNQVSPADFTVLSDVLPMFSDIFSKQVSSSAACHSRRFEPLTSGRAQVVL WWDIEMDPEGKIKCTMAPFWAHSDEEMQWRDHWMQCVYFLPQEEPVVQGSALYLVAHHDDYCVWYSLQR TSPEKNERVRQMRPVCDQAHLLWNRPRFGEINDQDRTDRYVQALRTVLKPDVCLCVSDGSLLSVLAHH LGVEQVFTVESSAASHKLLRKIFKANHLEDKINIEKRPELLTNEDLQGRKVSLLGEPFFTTSLLPWHN LYFWYVRTAVDQHLGPGAMVMPQAASLHVVVEFRDLWRIRSPCGDCEGFDVHIMDDMIKRALDFRESRE AEPHPLWEYPCRSLSWPQILTFDFQQPVPLQPLCAEGTVELRRPGQSHAAVLWMEYHLTPECTLSTGLL EPADPEGGCCWNPCHQAVYFFSPAPDPRALLGGPRTVSYAVEFHPDTGDIIMEFRHADTPD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_019023
ORF Size:	2076 bp
Buffer:	PBS with 0.001% Pluronic F5216
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:	NM_019023.1
RefSeq Size:	2478 bp
RefSeq ORF:	2079 bp
Locus ID:	54496
UniProt ID:	Q9NVM4
Cytogenetics:	16q22.1
MW:	78.5 kDa