

Product datasheet for **RC209382A1V**

Human PRMT3 (NM_005788) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRMT3 (NM_005788) AAV Particle
Tag:	Myc-DDK
Symbol:	PRMT3
Synonyms:	HRMT1L3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209382 representing NM_005788
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTGCTCGTTAGCGTCAGGCGCTACCGCGGCCGGGCGCTGTGGAGAATGAGGAGGACCTGCCAGAAC
 TGTCGGACAGCGGGACGAGGCCGCTGGGAGGATGAGGACGATGCAGATCTCCCCACGGCAAGCAGCA
 GACCCCTGCCTGTTCTGTAACAGGTTATTACATCTGCTGAAGAAACATTTTACACTGTAAGTCTGAG
 CATCAGTTTAATTGACAGCATGGTTCATAAACATGGACTTGAATTTTATGGATACATTAAGCTAATAA
 ATTTTATTAGACTTAAGAATCCTACAGTTGAGTACATGAATTCATATACAACCCAGTGCCTTGGGAGAA
 AGAAGAGTATTTGAAGCCAGTATTAGAAGATGACCTTTTACTTCAATTTGATGTAGAAGATCTTTATGAA
 CCGGTGTCAGTACCTTCTCATACCCAATGGACTCAGTGAATAACATCTGTTGTTGAAAAATTGAAAC
 ATATGGAAGCCAGGGCACTGTCTGCTGAAGCCGATTGGCCAGAGCACGTGAGGATCTGCAAAAAATGAA
 ACAATTTGCTCAGGATTTTGTGATGCACACAGATGTCAGAACCTGCTCGTCATCTACTAGTGTCTTGGC
 GACCTCCAGGAGGATGAGGATGGTGTATTTCAGCTCATACGGGCATTATGGGATACATGAAGAAATGC
 TAAAGGACAAAATACGAACAGAAAGCTACCGAGATTTATATACCAAAATCCACATATCTTCAAAGACAA
 GGATGTTTTGGATGTTGGGTGTGGAAGTGAATTCCTCTATGTTTGTGCTAAAGCTGGGGCGAAGAAG
 GTTCTTGGAGTTGATCAATCTGAAATACCTTACCAGGCAATGGATATTATAAGACTAAATAAACTTGAAG
 ATACTATTACATAATTAAGGAAAGATTGAAGAAGTTCATCTTCTGTAGAAAAAGTAGATGTTATCAT
 ATCTGAGTGGATGGGCTATTTTCTTCTGTTTGTGATCTATGTTAGATTCTGCTTTTATGCAAGAACAAA
 TACTTGGCAAAAGGAGGCTCGGTCTACCTGACATTTGCACTATCAGCCTTGTAGCAGTGAGTGATGTGA
 ATAAACATGCTGATAGAATTGCTTTTGGGATGATGCTATGGCTTCAAGATGCTGCTGATGAAGAAAG
 AGTTATTCAGAAAGCTGTTGTGGAAGTTTGTAGATCCGAAGACTCTTATTTCAAGAACCTTGTGGTATTAAG
 CATATAGATTGCCATACGACGTCTATCTCAGATTTGGAATTTTATCAGATTTTACCCTGAAATCACAA
 GGACATCCATGTGCACGGCAATTGCTGGCTACTTTGATATATATTTTGAAGAAGTTGCCACAACAGGGT
 CGTGTCTCTACGGGCCCTCAGAGCACCAAAACACACTGGAAACAAACAGTATTTCTACTGGAAAAACCA
 TTTTCAGTTAAAGCAGGTGAAGCCTTGAAGGAAAGGTACAGTTCACAAGAATAAGAAAGATCCACGTT
 CTCTACCGTGACCTCACGTTGAATAATTCAACTCAAATTTATGGTCTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209382 protein sequence
 Red=Cloning site Green=Tags(s)

MCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDEDDADLPHGKQQTPLFCNRLFTSAEETFSHCKSE
 HQFNIDSMVHKHGLEFYGYIKLINFIRLKNPTVEYMNSIYNPVPWEKEEYLPVLEDDLQDFVEDLYE
 PVSVPFSYPNGLSENTSVVEKLKHMEARALSAEALARAREDLQKMKQFAQDFVMHTDVRTCSSSTSVIA
 DLQEDEDGVYFSSYGHYIHEEMLKDKIRTESYRDFIYQNPFIKDKVVLVDVGGTGILSMFAAKAGAKK
 VLGVDQSEILYQAMDIIRLNKLEDITILIKGKIEEVHLPVEKVDVISEWMGYFLLFESMLDSVLYAKNK
 YLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYGFKMSMKKAVIPEAVVEVLDPKTLISEPCGIK
 HIDCHTTSISDLEFSSDFTLKITRTSMCTAIAGYFDIYFEKNCHNRVVFSTGPQSTKTHWKQTVFLLEKP
 FSVKAGEALKGKVTVHKNKDPRSLTVTLTLNNSTQTYGLQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005788

ORF Size:

1593 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_005788.1</u>
RefSeq Size:	2743 bp
RefSeq ORF:	1596 bp
Locus ID:	10196
UniProt ID:	<u>O60678</u>
Cytogenetics:	11p15.1
MW:	59.9 kDa