

Product datasheet for **RC203458A1V**

Human PRMT5 (NM_006109) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PRMT5 (NM_006109) AAV Particle
Tag:	Myc-DDK
Symbol:	PRMT5
Synonyms:	HRMT1L5; HSL7; IBP72; JBP1; SKB1; SKB1Hs
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203458 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGGCGATGGCGGTGCGGGGTGCTGGTGGGAGCCGCGTGTCCAGCGGAGGGACCTGAATTGCGTCC
CCGAAATAGCTGACACACTAGGGGCTGTGGCCAAGCAGGGGTTTGATTTCTCTGCATGCCTGTCTTCCA
TCCGCGTTTCAAGAGGGAGTTTCATTAGGAACCTGCTAAGAATCGGCCCGGTCCCGAGACACGATCAGAC
CTACTGCTGTCAAGGAAGGACTGGAATACGCTAATTGTGGGAAAGCTTTCTCCATGGATTCTGCCAGACT
CAAAAGTGGAAGATTTCGAGGAACCTCGAGGCGGCCATGTTACAGGAGCTGAATTTTGGTGCAATTT
GGGTCTTCCAGCTTTCTGCTGCCCCCTAATCAGGAAGATAACACCAACCTGGCCAGAGTTTGGACCAAC
CACATCCACACTGGCCATCACTTTCCATGTTCTGGATGCGGGTACCCTTGGTGGCACCAGAGGACCTGA
GAGATGATATAATTGAGAATGCACCAACTACACACACAGAGGAGTACAGTGGGGAGGAGAAAACGTGGAT
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GCATTTTCTGACCAATAAGAAGGGATTTCCTGTTCTTTCTAAGATGCACCAGAGGCTCATCTTCCGGCT
CCTCAAGTTGGAGGTGCAGTTTCATCATCACAGGCACCAACCACCACTCAGAGAAGGAGTTCTGCTCCTAC
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GAAGAGGAGAAGGATACCAATGTCCAGTACTGATGGTGTGGGAGCAGGACGGGGACCCCTGGTGAACG
CTTCCCTGCGGGCAGCCAAGCAGGCCGACCGCGGATAAAGCTGTATGCTGTGGAGAAAACCCAAATGC
CGTGGTGACGCTAGAGAACTGGCAGTTTGAAGAATGGGGAAGCCAAGTGACCGTAGTCTCATCAGACATG
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GTACACTTCCTTTCTGGCTCCCATCTCTTCTCCAAGCTGTACAATGAGGTCCGAGCCTGTAGGGAGAAG
GACCGTGACCCTGAGGCCAGTTTGAATGCCTTATGTGGTACGGCTGCACAATTCACCAGCTCTCTG
CACCCAGCCCTGTTTACCTTCAGCCATCCCAACAGAGATCCTATGATTGACAACAACCGCTATTGCAC
CTTGGAATTTCTGTGGAGGTGAACACAGTACTACATGGCTTTGCCGGCTACTTTGAGACTGTGCTTTAT
CAGGACATCACTCTGAGTATCCGTCCAGAGACTCACTCTCTGGGATGTTCTCATGGTTTCCCATCCTCT
TCCCTATTAAGCAGCCATAACGGTACGTGAAGGCCAAACCATCTGTGTGCGTTTCTGGCGATGCAGCAA
TTCCAAGAAGGTGTGGTATGAGTGGGCTGTGACAGCACCAGTCTGTTCTGCTATTCTATAACCCACAGGC
CGCTCATATACCATTTGGCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203458 protein sequence Red=Cloning site Green=Tags(s) MAAMAVGGAGGSRVSSGRDLNCVPEIADTLGAVAKQGDFLCMPVFHPRFKREFIQEPAKNRPGPQTRSD LLL SGRDWNTLIVGKLSPIWIRPDSKVEKIRRNSEAAMLQELNFGAYLGLPAFLLPLNQEDNTNLARVLTN HIHTGHHSSMFWMRVPLVAPEDLRDDIENAPTTHTTEYSGEETWMMWHNFRTLCDYSKRIAAVALEIGA DLPSNHVIDRWLGEPIKAAILPTSIFLTNKKGFPVLSKMHQRLIFRLLKLEVQFIITGTNNHSEKEFCSY LQYLEYLSQNRPPPNAYELFAKGYEDYLSPLQPLMDNLESQTYEVFEKDPIKYSQYQQAIYKCLLDRVP EEEKDTNVQVLMVLGAGRGLVNASLRAAKQADRRIKLYAVEKNPNAVVTLENWQFEWGSQVTVVSSDM REWVAPEKADIIVSELLGSFADNELSPECLDGAQHFLKDDGVSIPGEYTSFLAPISSSKLYNEVRACREK DRDPEAQFEMPYVVRHLNHFHQLSAPQPCFTFSHPNRDPMIDNNRYCTLEFPVEVNTVLHGFAGYFETVLY QDITLSIRPETHSPGMFSWFPILFPIKQPITVREGQTCVRFWRCSNSKKVWYEWAVTAPVCSAIHNPTG RSYTIGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006109
ORF Size:	1911 bp
Buffer:	PBS with 0.001% Pluronic F5432
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_006109.3</u>
RefSeq Size:	2541 bp
RefSeq ORF:	1914 bp
Locus ID:	10419
UniProt ID:	<u>O14744</u>
Cytogenetics:	14q11.2
MW:	72.7 kDa