

Product datasheet for **RC206586A1V**

Human PNMT (NM_002686) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PNMT (NM_002686) AAV Particle
Tag:	Myc-DDK
Symbol:	PNMT
Synonyms:	PENT; PNMTase
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206586 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGCGGCGCAGACCGTAGCCCCAATGCGGGCGCAGCCCTGACTCGGCCCCGGGCCAGGCGGCGGTGG
CTTCGGCCTACCAGCGCTTCGAGCCGCGCGCTACCTCCGCAACAACACGCGCCCCCTCGCGGGGACCT
GTGCAACCCGAACGGCGTCGGGCCGTGGAAGCTGCGCTGCTTGGCGCAGACCTTCGCCACCGGTGAAGTG
TCCGGACGCACCCTCATCGACATTGGTTCAGGCCCCACCGTGTACCAGCTGCTCAGTGCCTGCAGCCACT
TTGAGGACATCACCATGACAGATTTCTGGAGGTCAACCGCCAGGAGCTGGGGCGCTGGCTGCAGGAGGA
GCCGGGGGCCTTCAACTGGAGCATGTACAGCCAACATGCCTGCCTCATTGAGGGCAAGGGGAATGCTGG
CAGGATAAGGAGCGCCAGCTGCCAGCCAGGGTGAAACGGTCTCTGCCATCGACGTGCACCAGCCCCAGC
CCCTGGGTGCTGGGAGCCAGCTCCCCTGCCTGCTGACGCCCTGGTCTCTGCCTTCTGCTTGGAGGCTGT
GAGCCCAGATCTTGCCAGCTTTCAGCGGGCCCTGGACCACATCACCACGCTGCTGAGGCCTGGGGGAC
CTCCTCCTCATCGGGCCCTGGAGGAGTCTGGTACCTGGCTGGGAGGCCAGGCTGACGGTGGTGCCAG
TGTCTGAGGAGGAGGTGAGGGAGGCCCTGGTGCCTAGTGGCTACAAGTCCGGGACCTCCGCACCTATAT
CATGCCTGCCACCTTCAGACAGGCGTAGATGATGTCAAGGGCGTCTTCTCGCCTGGGCTCAGAAGGTT
GGGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206586 protein sequence Red=Cloning site Green=Tags(s) MSGADRSPNAGAAPDSAPGQAAVASAYQRFEPRAYLRNNYAPPRGDLCPNGVGPWKLRLCLAQTFATGEV SGRTLIDIGSGPTVYQLLSACSHFEDITMTDFLEVNRQELGRWLQEEPGAFNWSMYSQHACLIIEGKGECW QDKERQLRARVKRVLPIDVHQPLGAGSPAPLPADALVSAFCLEAVSPDLASFQRALDHITTLRPGGH LLLIGALEESWYLAGEARLTVVPVSEEEVREALVRSGYKVRDLRTYIMPAHLQTGVDDVKGVFFAWAQKV GL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002686
ORF Size:	846 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_002686.3</u>
RefSeq Size:	958 bp
RefSeq ORF:	849 bp
Locus ID:	5409
UniProt ID:	<u>P11086</u>
Cytogenetics:	17q12
MW:	30.9 kDa