

Product datasheet for **RC207787A1V**

Human HCM (RNMT) (NM_003799) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HCM (RNMT) (NM_003799) AAV Particle
Tag:	Myc-DDK
Symbol:	HCM
Synonyms:	cm1p; CMT1; CMT1c; hCMT1; hMet; MET; Met; RG7MT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207787 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGGCAAATTCTGCAAAAGCAGAAGAATATGAAAAGATGTCTCTTGAACAGGCAAAAGCGTCAGTGAATT
CTGAAACAGAGTCTTCATTCAATATTAATGAAAACACAACAGCTTCTGGGACTGGGCTTTCTGAAAAGAC
TTCTGTCTGTAGGCAAGTAGACATAGCAAGAAAGAGAAAAGAGTTTGAAGATGATCTTGTAAAGGAAAGT
TCTAGTTGTGGGAAAGACACTCCATCCAAGAAGAGAAAACCTTGATCCTGAAATTGTCCCAGAGGAAAAAG
ATTGTGGTGATGCTGAAGGCAATTCAAAGAAAAGAAAAGAGAACTGAGGATGTTCCAAAAGATAAATC
TTCTACTGGAGATGGCACTCAAATAAGAGAAAATAGCACTTGAGGATGTTCTGAAAAGCAGAAAAAT
CTGGAAGAAGGACACAGCTCAACAGTGGCTGCCATTACAATGAACTTCAGGAAGTTGGTTTGGAGAAGC
GTAGTCAAAGTCGTATTTTTACCTAAGAACTTTAATAATTGGATGAAAAGTGTCTCATTGGAGAATT
TTTGGAAAAGGTACGACAGAAGAAAAACGTGATATCACTGTTTTGGACCTGGGATGTGGTAAAGGTGGA
GATTTGCTGAAATGGAAGAAAAGGAAGAAATTAACAAGCTAGTTTGTACTGATATTGCCGATGTTTCTGTCA
AACAGTGTGACGAGCGGTATGAGGACATGAAAAATCGTCGTGATAGTGAATATATTTTCAGTGCAGAATT
TATAACTGCTGACAGCTCAAAGGAATCTGATTGACAAATTCGTGACCCACAAATGTGTTTGTGACATC
TGCAGTTGTGAGTTTGTCTGTCTTACTCATTGAGTCTTATGAGCAGGCTGACATGATGCTGAGAAATG
CGTGTGAGAGACTTAGCCCTGGGGGCTATTTTATTGGTACTACTCCCAATAGCTTTGAATTGATAAGACG
CCTTGAAGCTTCAGAAACAGAATCATTGGAATGAAATATATACTGTGAAATTCAGAAAGGAGAT
TATCCTTTATTTGGCTGCAAAATGACTTCACTTGAAGGTGTTGTGGATGTTCTGAATTCCTGGTCT
ATTTTCCATTGCTAAATGAAATGGCAAAGAAGTACAATATGAACTAGTCTACAAAAAACATTTCTGGA
ATTCTACGAAGAAAAGATTAAGAACAATGAAAATAAAATGCTCTTAAACGAATGCAGGCCTTGAGGCCA
TATCCTGCAATGAGAGTTCTAACTTGTCTCTGAGAAGGTGGATGACTATGAACATGCAGCAAAGTACA
TGAAGAACAGTCAAGTAAGGTTACCTTTGGGAACCTTAAGTAAATCAGAAATGGGAAGCTACAAGTATTTA
CTTGGTGTTCCTTTGAGAAACAGCAG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207787 protein sequence

Red=Cloning site Green=Tags(s)

 MANSKAEYEEKMSLEQAKASVNSETESSFNINENTTASGTGLSEKTSVCRQVDIARKRKEFEDDLVKES
SSCGKDTPSKKRKLDPKIVPEEKDCGDAEGNSKKRKRETEVPKDKSSTGDGTQNKRIALDVPKQKN
LEEGHSSSTVAAHYNELQEVGLEKRSQSRIFYLRNFNWMMKSVLIGEFLEKVRQKKRDRITVLDLGCCKGG
DLLKWKGRINKLVCTDIADSVKQCQRYEDMKNRRDSEYIFSAEFITADSSKELLIDKFRDPQMCFDI
CSCQFVCHYSFESYEQADMMLRNACERLSPGGYFIGHTPNSFELIRRLEASETESFGNEIYTVKFQKKGD
YPLFGCKYDFNLEGVVDVPEFLVYFPLNEMAKKYNMMLVYKKTFLFYEEKIKNNENKMLLRMQALEP
YPANESSKLVSEKVDDYEHAAYMKNSQVRLPLGLTSLKSEWEATSIYLVFAFEKQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003799

ORF Size:

1428 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_003799.1</u>
RefSeq Size:	6203 bp
RefSeq ORF:	1431 bp
Locus ID:	8731
UniProt ID:	<u>O43148</u>
Cytogenetics:	18p11.21
MW:	54.8 kDa