

Product datasheet for **RC200451A1V**

Human MVD (NM_002461) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MVD (NM_002461) AAV Particle
Tag:	Myc-DDK
Symbol:	MVD
Synonyms:	FP17780; MDDase; MPD; POROK7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200451 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCTCGGAGAAGCCGCTGGCGGCAGTCACTTGTACAGCGCCGGTCAACATCGCGGTCACTCAAGTACT
GGGGCAAGCGCGATGAAGAGCTGGTTCTGCCATCAACTCCTCCCTGAGCGTCACTCTGCACCAGGACCA
GTTAAAAACCACCACAACAGCCGTCATCAGCAAGGACTTACCGAGGACCGGATTTGGCTGAATGGCCGG
GAGGAGGATGTGGGCGAGCCGAGGCTGCAGGCCCTGCCTGCGGGAGATCCGCTGCCTGGCCCGGAAGCGGA
GGAATCACGGGATGGGACCCGCTGCCCTCCAGCCTCAGCTGCAAGGTGCACGTGGCATCGGTGAACAA
CTTCCCCACGGCTGCGGGCCTGGCCTCCTCAGCGGCGGGCTATGCCTGCCTAGCCTACACCTGGCCCGT
GTCTACGGCGTGAGAGTGACCTCTCAGAAGTGCTCGCCGGGGCTCAGGCAGCGCCTGCCGGAGCCTGT
ATGGGGGCTTTGTGGAGTGGCAGATGGGAGAGCAGGCCGACGGGAAGGACAGCATCGCTCGGCAAGTGGC
CCCCGAGTCACACTGGCCTGAATCCGCGTGCTCATCCTTGTGGTGAGCGCTGAGAAGAAGCTGACAGGC
AGTACCGTGGCATGCGGGCAGTGTGGAGACCAGCCCCCTGCTTCGGTTCCGGGCGGAGTCCGTGGTGC
CCGCGCGCATGGCGGAGATGGCCGCTGCATCCGGGAGCGAGACTTCCCCAGTTCGCCAGCTGACCAT
GAAGGACAGCAACCAGTTCACGCCACCTGCCTCGACACCTTCCCGCCATCTCTACCTCAATGCCATC
TCCTGGCGCATCATCCACCTGGTGCACCGCTTCAACGCCACCACGGGGACCAAGGTGGCGTACACCT
TTGACGCGGGCCCAATGCCGTGATCTTCAACCTGGACGACACTGTGGCTGAGTTTGTGGCTGCTGTGTG
GCACGGCTTTCCCCAGGCTCGAATGGAGACAGTTTCTGAAGGGGCTGCAGGTGAGGCCGGCCCCCTCTC
TCAGCTGAGCTTCAGGCTGCGCTGGCCATGGAGCCGACCCCGGTGGGGTCAAATACATCATTGTCACTC
AGGTGGGGCCAGGGCCTCAAACTCTGGATGACCCTGCGCCACCTCCTGGGTCTGACGGCCTGCCGAA
GCCAGCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200451 protein sequence Red=Cloning site Green=Tags(s) MASEKPLAAVTCTAPVNI AVIKYWGRDEELVLPINSSLSVTLHQDQLKTTTTAVISKDFTE DRIWLNGR EEDVGQPRLQACLREIRCLARKRRNSRDG DPLPSSLCKVHVASVNNFPTAAGLASSAAGYACLAYTLAR VYGVESDLSEVARRGSGSACRSLYGGFVEWQMGEQADGKDSIARQVAPESHWPELRVLILVVS AEKKLTG STVGMRASVETSPLLRFR AESVVPARMAEMARCIRERDFPSFAQLTMKDSNQFHATCLDTFPPI SYLNAI SWRIIHLVHRFNAHHGDTKVAYTFDAGPNAVIFTLDDTVAEFVAAVWHGFPPGSGNDTFLKGLQVRPAPL SAELQAALAMEPTPGGVKYIIVTQVGP GPQILD DPCAHL L GPDGLPKPAA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002461
ORF Size:	1200 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:	NM_002461.1 , NP_002452.1
RefSeq Size:	1812 bp
RefSeq ORF:	1203 bp
Locus ID:	4597
UniProt ID:	P53602
Cytogenetics:	16q24.2
MW:	43.4 kDa