

Product datasheet for **RC221708A1V**

Human **DRP1 (DNM1L) (NM_012062) AAV Particle**

Product data:

Product Type:	AAV Particles
Product Name:	Human DRP1 (DNM1L) (NM_012062) AAV Particle
Tag:	Myc-DDK
Symbol:	DNM1L
Synonyms:	DLP1; DRP1; DVLP; DYMPLE; EMPF; EMPF1; HDYNIV; OPA5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221708 representing NM_012062
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGGCGCTAATTCCTGTCATAAACAAGCTCCAGGACGTCTTCAACACGGTGGGCGCCGACATCATCC
 AGCTGCCTCAAATCGTCGTAGTGGGAACGCAGAGCAGCGGAAAGAGCTCAGTGCTAGAAAGCCTGGTGGG
 GAGGGACCTGCTTCCCAGAGGTACTGGAATTGTACCCGGAGACCTCTCATTCTGCAACTGGTCCATGTT
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 AAGTGCTTTGGCACCTGCCTCCAGGAGCCCTCCCCGCTGCTTCTGCTGAGGCTGATGGCAAGTTAATT
 CAGGACAGCAGAAGAGAACTAAAAATGTTGCATCTGGAGGTGGTGGGTTGGAGATGGTGTTCAGAAGC
 CAACCACAGGCAACTGGAGAGGAATGCTGAAAACCTTCAAAGCTGAAGAGTTATTAGCAGAAGAAAAATC
 AAAACCCATTCCAATTATGCCAGCCAGTCCACAAAAAGGTCATGCCGTGAACCTGCTAGATGTGCCAGTT
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 ATTTTCTCATTGTCAGAAAGAATATTCAAGACAGTGTGCCAAAGGCAGTAATGCATTTTTTGGTTAATCA
 TGTGAAAGACACTCTTCAGAGTGAGCTAGTAGGCCAGCTGTATAAATCATCCTTATTGGATGATCTTCTG
 ACAGAACTGAGGACATGGCACAGCGCAGGAAAGAAGCAGCTGATATGCTAAAGGCATTACAAGGAGCCA
 GTCAAATTATTGCTGAAATCCGGGAGACTCATCTTTGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC221708 representing NM_012062 Red=Cloning site Green=Tags(s) MEALIPVINKLQDVFNVTGADIQLPQIVVVGTSQSSGKSSVLESVGRDLLPRGTGIVTRRPLILQLVHV SQEDKRKTTGEENGVEAEEWGKFLHTKNKLYTDFDEIRQEIEETERISGNNKGVSPPIHLKIFSPNVV NLTLVDLPGMTKVPVGDQPKDIELQIRELILRFISNPNSIILAVTAANTDMATSEALKISREVPDGRRT LAVITKLDLMDAGTDAMDVLMGRVIPVKLGIIIGVVNRSQLDINNKKSVTDSIRDEYAFLLQKKYPSLANRN GTKYLARTLNRLMHHRDCLPELKTRINVLAQYQSLLNSYGEVPDDKSATLLQLITKFATEYCNITIEG TAKYIETSELCCGARICYIFHETFGRTLESVDPLGGLNTIDILTAIRNATGPRPALFVPEVSFELLVKRQ IKRLEEPSLRCELVHEEMQRIIQHCSNYSTQELLRFPKLHDAIVEVVTCLLRKRLPVTNEMVHNLVAIE LAYINTKHPDFADACGLMNNNIEEQRRNRLARELPSAVSRDKSSKVPASALAPASQEPSPAASAEADGKLI QDSRRETKNVASGGGGVGDGVQEPTTGNWRGMLKTSKAEELLAEKSKPIIMPASPQKGHAVNLLDVPV PVARKLSAREQRDCEVIERLIKSYFLIVRKNIQDSVPKAVMHFLVNHVKDTLQSELVGQLYKSSLLDDL TESEDMAQRRKEAADMLKALQGASQIIAEIRETHLW* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012062
ORF Size:	2208 bp
Buffer:	PBS with 0.001% Pluronic F8383
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_012062.2</u>
RefSeq Size:	3293 bp
RefSeq ORF:	2211 bp
Locus ID:	10059
UniProt ID:	<u>O00429</u>
Cytogenetics:	12p11.21
MW:	81.7 kDa