

Product datasheet for **RC202046A1V**

Human DRP1 (DNM1L) (NM_012063) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human DRP1 (DNM1L) (NM_012063) 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:

>RC202046 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGAGGCGCTAATTCCTGTCATAAACAAGCTCCAGGACGTCTTCAACACGGTGGGCGCCGACATCATCC
AGCTGCCTCAAAATCGTCGTAGTGGGAACGCAGAGCAGCGGAAAGAGCTCAGTGCTAGAAAAGCCTGGTGGG
GAGGGACCTGTTCCAGAGGTACTGGAATTGTACCCGAGACCTCTCATTCTGCAACTGGTCCATGTT
TCACAAGAAGATAAACGGAAAAACAACAGGAGAAGAAAATGGGGTGAAGCAGAAGAATGGGGTAAATTTTC
TTCACACCAAAAAATAAGCTTTACACGGATTTTGTGAAATTCGACAAGAAATGAAAATGAAACAGAAAG
AATTTTCAGGAAATAATAAGGGAGTAAGCCCTGAACCAATTCATCTTAAGATTTTTTCACCAACGTTGTC
AATTTGACACTTGTGGATTTGCCAGGAATGACCAAGGTGCCTGTAGGTGATCAACCTAAGGATATTGAGC
TTCAAATCAGAGAGCTCATTCTCGGTTTCATCAGTAATCCTAATTCATTATCCTCGCTGCTACTGCTGC
TAATACAGATATGGCAACATCAGAGGCCTTAAAAATTCAGAGAGGTAGATCCAGATGGTCGCAGAACC
CTAGCTGTAATCACTAACTTGATCTCATGGATGCGGGTACTGATGCCATGGATGTATTGATGGGAAGGG
TTATTCAGTCAAACCTTGAATAAATGGAGTAGTTAACAGGAGCCAGCTAGATATTAACAACAAGAGAG
TGTAAGTATTCAATCCGTGATGAGTATGCTTTTCTTCAAAGAAATATCCATCTCTGGCCAATAGAAAAT
GGAACAAGATATCTTGCTAGGACTCTAAACAGGTTACTGATGCATCACATCAGAGATTGTTTACCAGAGT
TGAAAACAAGAATAAATGTTCTAGCTGCTCAGTATCAGTCTCTTCTAAATAGCTACGGTGAACCCGTGGA
TGATAAAAGTGTACTTTACTCCAATATTACCAAATTTGCCACAGAATATTGTAACACTATTGAAGGA
ACTGCAAAATATATTGAACTTCGGAGCTATGCGGTGGTGTAGAAATTTGTTATATTTTCCATGAGACTT
TTGGGCGAACCTTAGAATCTGTTGATCCACTTGGTGGCCTAACACTATTGACATTTTACTGCTGCAATAG
AAATGCTACTGGTCTCTGCTCTTATTTGTGCCTGAGGTTTCATTTGAGTTACTGGTGAAGCGGCAA
ATCAAACGTCTAGAAGAGCCAGCCTCCGCTGTGTGGAACCTGTTTCATGAGGAAATGCAAAGGATCATT
AGCACTGTAGCAATTACAGTACACAGGAATTGTTACGATTTCTAAACTTCATGATGCCATAGTTGAAGT
GGTACTTGTCTTCTCGTAAAAGGTTGCCTGTTACAAATGAAATGGTCCATAACTTAGTGGCAATTGAA
CTGGCTTATATCAACACAAAACATCCAGACTTTGCTGATGCTTGTGGGCTAATGAACAATAATATAGAGG
AACAAAGGAGAAACAGGCTAGCCAGAGAATTACCTTCAGCTGTATCACGAGACAAGTTAATTCAGGACAG
CAGAAGAGAACTAAAAATGTTGCATCTGGAGGTGGTGGGTTGGAGATGGTGTCAAGAACCAACCACA
GGCAACTGGAGAGGAATGCTGAAAACCTCAAAGCTGAAGAGTTATTAGCAGAAGAAAAATCAAACCCA
TTCCAATTATGCCAGCCAGTCCAAAAAGGTCATGCCGTGAACCTGCTAGATGTGCCAGTTCCTGTTGC
ACGAAAATATCTGCTCGGGAACAGCGAGATTGTGAGGTTATTGAACGACTCATTAAATCATATTTTCTC
ATTGTCAGAAAAGAAATTTCAAGACAGTGTGCCAAAGGCAGTAATGCATTTTTTGGTTAATCATGTGAAA
ACACTTTCAGAGTGAGCTAGTAGGCCAGCTGTATAAATCATCCTTATTGGATGATCTTCTGACAGAATC
TGAGGACATGGCACAGCGCAGGAAAGAAGCAGCTGATATGCTAAAGGCATTACAAGGAGCCAGTCAAAT
ATTGCTGAAATCCGGGAGACTCATCTTTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	<p>>RC202046 protein sequence Red=Cloning site Green=Tags(s)</p> <pre> MEALIPVINKLQDVFNVTGADIQLPQIVVVGTSQSSGKSSVLESVGRDLLPRGTGIVTRRPLILQLVHV SQEDKRKTTGEENGVEAEEWGKFLHTKNKLYTDFDEIRQEIEENERISGNNKGVSPPIHLKIFSPNVV NLTLVDLPGMTKVPVGDQPKDIELQIRELILRFISNPNSIILAVTAANTDMATSEALKISREVPDGRRT LAVITKLDLMDAGTDAMDVLMGRVIPVKLGIIGVVNRSQLDINNKKSVTDSIRDEYAFQKKYPSLANRN GTKYLARTLNRLMHHIRDCLPELKTRINVLAAYQSLNLSYGEPPVDDKATLLQLITKFATEYCNITIEG TAKYIETSELCCGARIICYIFHETFGRTLESVDPLGGLNTIDILTAIRNATGPRPALFVPEVSFELLVKRQ IKRLEEPSLRCVELVHEEMQRIIQHCSNYSTQELLRFPKLHDAIVEVVTCLLRKRLPVTNEMVHNLVAIE LAYINTKHPDFADACGLMNNNIEEQRRNRLARELPSAVSRDKLIQDSRRETKNVASGGGGVGDGVQEPTT GNWRGMLKTSKAEELLAEKSKPIIMPASPQKGHAVNLLDVPVPVARKLSAREQRDCEVIERLIKSYFL IVRKNIQDSVPKAVMHFLVNHVKDTLQSELVGQLYKSSLLDILLTESEDMAQRRKEAADMLKALQGASQI IAEIRETHLW TRTRPLEQKLISEEDLAANDILDYKDDDDKV </pre>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_012063
ORF Size:	2130 bp
Buffer:	PBS with 0.001% Pluronic F5270
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_012063.1
RefSeq Size:	4537 bp
RefSeq ORF:	2133 bp
Locus ID:	10059
UniProt ID:	O00429
Cytogenetics:	12p11.21
MW:	79.4 kDa