

Product datasheet for **RC221147A1V**

Human Parkin (PARK2) (NM_004562) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Parkin (PARK2) (NM_004562) AAV Particle
Tag:	Myc-DDK
Symbol:	Parkin
Synonyms:	AR-JP; LPRS2; PARK2; PDJ
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC221147 representing NM_004562
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATAGTGTGGTTCAGGTTCAACTCCAGCCATGGTTCCAGTGGAGTTCGATTCTGACACCAGCATCT
 TCCAGCTCAAGGAGGTGGTTGCTAAGCGACAGGGGTTCCGGCTGACCAGTTGCGTGTGATTTTCGAGG
 GAAGGAGCTGAGGAATGACTGGACTGTGACGAATTGTGACCTGGATCAGCAGAGCATTGTTACATTGTG
 CAGAGACCGTGGAGAAAAGTCAAGAAATGAATGCAACTGGAGGCGACGACCCAGAAAACCGCGCGGGAG
 GCTGTGAGCGGGAGCCCCAGAGCTTGACTCGGGTGGACCTCAGCAGCTCAGTCTCCAGGAGACTCTGT
 GGGGCTGGCTGTATTCTGCACACTGACAGCAGGAAGGACTCACACCAGCTGGAAGTCCAGCAGGTAGA
 TCAATCTACAACAGCTTTTATGTGATTGTAAGGCCCTGTCAAAGAGTGCAGCCGGGAAACTCAGGG
 TACAGTGCAGCACCTGCAGGCAGGCAACGCTCACCTTGACCCAGGGTCCATCTTGCTGGGATGATGTTTT
 AATTCCAAACCGGATGAGTGGTGAATGCCAATCCCACACTGCCCTGGGACTAGTGCAGAATTTTCTTT
 AAATGTGGAGCACCCCCACCTCTGACAAGGAAACATCAGTAGCTTTGCACCTGATCGCAACAAATAGTC
 GGAACATCACTTGCATTACGTGCACAGACGTCAGGAGCCCCGTCTGGTTTTCCAGTGCAACTCCCGCCA
 CGTGAATTTGCTTAGACTGTTTCCACTTATACTGTGTGACAAGACTCAATGATCGGCAGTTTGTTCACGAC
 CCTCAACTTGGCTACTCCCTGCCTTGTGTGGCTGGCTGTCCCAACTCCTTGATTAAGAGCTCCATCACT
 TCAGGATTTCTGGGAGAAGAGCAGTACAACCGGTACCAGCAGTATGGTGCAGAGGAGTGTGCTCCTGCAGAT
 GGGGGCGTGTATGCCCCGCCCTGGCTGTGGAGCGGGGCTGCTGCCGAGCCTGACCAGAGGAAAAGTC
 ACCTGCGAAGGGGGCAATGGCCTGGGCTGTGGGTTTGCCTTCTGCCGGGAATGTAAGAAGCGTACCATG
 AAGGGGAGTGCAGTGCCGTATTTGAAGCCTCAGGAACAACACTCAGGCCTACAGAGTCGATGAAAGAGC
 CGCCGAGCAGGCTCGTTGGGAAGCAGCCTCCAAGAAAACCATCAAGAAAACCAAGCCCTGTCCCCGC
 TGCCATGTACCAAGTGGAAAAAATGGAGGCTGCATGCACATGAAGTGTCCGCAGCCCCAGTGCAGGCTCG
 AGTGGTCTGGAAGTGTGGCTGCGAGTGAACCGCTCTGCATGGGGACCAGTGGTTCGACGTG

ACGCGTACGCGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221147 representing NM_004562
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MIVFVRFNSSHGFPVEVSDTSIFQLKEVVAKRQGVVPADQLRVIFAGKELRNDWTVQNCDLDDQQSIVHIV
 QRPWRKGQEMNATGGDDPRNAAGGCEREPOSLTRVDLSSSVLPGDSVGLAVILHTDSRKDSPPAGSPAGR
 SIYNSFYVYCKGPCQRVQPGKLRVQCSTCRQATLTLTQGPSCWDDVLIIPNRMSGECQSPHCPGTSAEFF
 KCGAHPTSDKETSVALHLIATNSRNITCITCTDVRSPVLFQCNRSRIVICLDCFHLYCVTRLNDRQFVHD
 PQLGYSLPCVAGCPNSLIKELHHFRILGEEQYNRYQQYGAEECVLQMGVLCPRPGCGAGLLPEPDQRKV
 TCEGGNGLGCGFAFCRECKEAYHEGECSAVFEASGTTTQAYRVDERRAAEQARWEAASKETIKKTTKPCPR
 CHVPVEKNGGCMHMKCPQPQCRLEWCWNCGEWNRVCMGDHWFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004562

ORF Size:

1395 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_004562.1</u>
RefSeq Size:	2960 bp
RefSeq ORF:	1398 bp
Locus ID:	5071
UniProt ID:	<u>O60260</u>
Cytogenetics:	6q26
MW:	51.5 kDa