

Product datasheet for **RC206847A1V**

Human PAK4 (NM_001014831) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAK4 (NM_001014831) AAV Particle
Tag:	Myc-DDK
Symbol:	PAK4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC206847 representing NM_001014831
Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTGGGAAGGAAGGAAGGACGGGTGGAGATCTCCGCGCCTCCAACCTTCGAGACCCGCTGCACACGG
GCTTCGACCAGCACGAGCAGAAGTTACAGGGGCTGCCCGCCAGTGGCAGAGCCTGATCGAGGAGTCGGC
TCGCCGGCCCAAGCCCCCTGTCGACCCCGCTGCATCACCTCCATCCAGCCCGGGGCCCAAGACCATC
GTGCGGGGCAGCAAAGGTGCCAAAGATGGGGCCCTCACGCTGCTGCTGGACGAGTTTGAGAACATGTCGG
TGACACGCTCCAACCTCCCTGCGGAGAGACAGCCGCCCGCCGCCCGCTGCCCGCAGGAAAATGGGA
GCCAGAGGAGCCGGCCACCACGGCCAGAGGGGGGCCAGGGAAGGCAGGCAGCCGAGGCCGTTTCGCCGGT
CACAGCGAGGCGGGTGGCGGCAGTGGTGACAGGCGACGGCGGGGCCAGAGAAGAGGCCCAAGTCTTCCA
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GCTGACACGGACCACCATCCCGGGGTGCCAGGGGGAGCCTCATGACGTGGCCCCTAACGGGCCATCAG
CGGGGGCTTGCCATCCCCAGTCCCTCTCTCTCTCCCGGCTCCACCCGAGCCCGAGGTGCCCC
CAGCCCTGGAGTCTGGGACCCACCCAGCTCAGAGCCCCAGCTGGGCCCTCCAGCCTGCACCCCCGCCGCC
CCTGCTGTTCTGGGCCCTTGCCCCCTCACCACAGCGGGAGCCACGAGTATCCCATGAGCAGT
TCCGGGCTGCCCTGCAGCTGGTGGTGACCCAGGCGACCCCGCTCCTACCTGGACAACTTCATCAAGAT
TGGCGAGGGCTCCACGGGCATCGTGTGCATCGCCACCGTGCAGCTCGGGCAAGCTGGTGCCGTC AAG
AAGATGGACCTGCGCAAGCAGCAGAGGCGCGAGCTGCTCTTCAACGAGGTGGTAATCATGAGGGACTACC
AGCAGGAGAATGTGGTGGAGATGTACAACAGCTACCTGGTGGGGGACGAGCTCTGGGTGGTCATGGAGTT
CCTGGAAGGAGGCGCCCTCACCAGATCGTCACCCACACAGGATGAACGAGGAGCAGATCGCGGCCGTG
TGCCTTGCAGTGCTGCAGGCCCTGTGGTGCTCCACGCCAGGGCGTCATCCACGGGACATCAAGAGCG
ACTCGATCTGTGACCATGATGGCAGGTGAAGCTGTGAGACTTTGGGTTCTGCGCCAGGTGAGCAA
GGAAGTGCCCCGAAGGAAGTCGCTGGTCGGCACGCCCTACTGGATGGCCCCAGAGCTCATCTCCGCTT
CCCTACGGGCCAGAGGTAGACATCTGGTCGCTGGGGATAATGGTGATTGAGATGGTGGACGGAGAGCCCC
CCTACTTCAACGAGCCACCCCTCAAAGCCATGAAGATGATTCGGGACAACCTGCCACCCGACTGAAGAA
CCTGCACAAGGTGTGCCATCCCTGAAGGGCTTCTGGACCGCTGCTGGTGCGAGACCCTGCCACGGC
GCCACGGCAGCCGAGCTGCTGAAGCACCATTCTGGCCAAGGCAGGGCCGCTGCCAGCATCGTGCCCT
TCAATGCGCAGAACCGCACAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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>RC206847 representing NM_001014831
Red=Cloning site Green=Tags(s)
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MFGKRRKRVEISAPSNFEHRVHTGFDQHEQKFTGLPRQWQSLIEESARRPKPLVDPACITSIQPGAPKTI
VRGSKGAKDGAL TLL LDEFENMSVTRSNLRRDSPPPPARARQENGMPPEEPATTARGGPGKAGSRGRFAG
HSEAGGSGDRRRAGPEKRPKSSREGSGGPQESSRDKRPLSGPDVGTPQPAGLASGAKLAAGRPFNTYPR
ADTDHPSRGAQGEPHDVAPNGPSAGGLAIPQSSSSSRPPTRARGAPSPGVLGPHASEQLAPPACTPAA
PAVPGPPGPRSPQREPQRVSHEQFRAALQLVVDPGDPRS YL DNF IKIGEGSTGIVCIATVRSSGKL VAVK
KMDLRKQQRRELLFNEVVMIRDYQHENVVEMYNSYL VGDELWVWMEFLEGGALTDIVTHTRMNEEQIAAV
CLAVLQALSVLHAQGVIIHRDIKSDSILLTHDGRVKLSDFGFCQVSKEVPRRKS L VGTPYWMAPELISRL
PYGPEVDIWSLGMVIMVMDGEPPYFNEPPLKAMKMIRDNLPPRLKNLHKVSPSLKGLDRLLVRDPAQR
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001014831
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F5943
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_001014831.2</u>
RefSeq Size:	3064 bp
RefSeq ORF:	1776 bp
Locus ID:	10298
UniProt ID:	<u>O96013</u>
Cytogenetics:	19q13.2
MW:	64.1 kDa