

Product datasheet for **RC217097A1V**

Human PAK4 (NM_001014832) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAK4 (NM_001014832) AAV Particle
Tag:	Myc-DDK
Symbol:	PAK4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217097 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGTTTGGGAAGAGGAAGAAGACGGGTGGAGATCTCCGCGCGCTCCAACCTTCGAGACACCGCTGCACACG
GCTTCGACCAGCAGCAGAGAGAAGTTCACGGGGCTGCCCGCCAGTGGCAGAGCCTGATCGAGGAGTCGGC
TCGCGCGCCCAAGCCCCCTCGTCGACCCCGCTGCATCACCTCCATCCAGCCGGGGCCCCAAGACCATC
GTGCGGGGCAGCAAAGGTGCCAAAGATGGGGCCCTCACGCTGCTGCTGGACGAGTTTGAGAACATGTCCG
TGACACGCTCCAACCTCCCTGCGGAGAGACAGCCCGCCGCCGCCCGCTGCCCGCCAGGAAAAATGGGA
GCCAGAGGAGCCGGCCACCACGGCCAGAGGGGGCCAGGGAAGGCAGGCAGCCGAGGCCGTTTCGCCG
CACAGCGAGGCGGGTGGCGGCAGTGGTGACAGGCGACGGGCGGGGCCAGAGAAGAGGCCCAAGTCTTCCA
GGGAGGGCTCAGGGGTCCCCAGGAGTCTCCGGGACAAACGCCCCCTCTCCGGGCTGATGTGGCAC
CCCCACGCTGCTGTTCTGGCCAGTGGGCGAACTGGCAGCTGGCCGGCCCTTTAACACCTACCCGAG
GCTGACACGCCACCCATCCCCGGGTGCCAGGGGAGCCTCATGACGTGGCCCTAACGGGCCATCAG
CGGGGGGCTGGCCATCCCCAGTCTCTCTCTCTCTCCCGGCTCCACCCGAGCCGAGGTGCCCC
CAGCCCTGGAGTGCTGGGACCCACGCCTCAGAGCCCCAGCTGGCCCTCCAGCCTGCACCCCCGCCGCC
CCTGCTGTTCTGGGCCCTGGCCCCGCTCACCACAGCGGGAGCCACAGCGAGTATCCCATGAGCAGT
TCGGGCTGCCCTGCAGCTGGTGGTGACCCAGGCGACCCCGCTCCTACCTGGACAACTCATCAAGAT
TGGCGAGGGCTCCACGGGCATCGTGTGCATGCCACCGTGCGCAGCTGGGCAAGCTGGTGGCCGTCAG
AAGATGGACCTGCGCAAGCAGCAGAGGCGCGAGCTGCTTTCAACGAGGTGGTAATCATGAGGGACTACC
AGCAGGAGAATGTGGTGAGATGTACAACAGCTACCTGGTGGGGACGAGCTCTGGGTGGTCATGGAGTT
CCTGGAAGGAGGCGCCCTACCCGACATCGTACCCACACCAAGGATGAACGAGGAGCAGATCGCGGCCGTG
TGCCTTGCAGTGCTGCAGGCCCTGTGGTGCTCCACGCCAGGGCGTATCCACCGGGACATCAAGAGCG
ACTCGATCCTGTGACCATGATGGCAGGGTGAAGCTGTGAGACTTTGGGTTCTGCGCCCAGGTGAGCAA
GGAAGTGCCCCGAAGGAAGTCGCTGGTCGGCACGCCCTACTGGATGGCCCCAGAGCTCATCTCCGCCCT
CCCTACGGGCCAGAGGTAGACATCTGGTCGTGGGGATAATGGTGATTGAGATGGTGGACGGAGAGCCCC
CCTACTTCAACGAGGCCACCCCTCAAAGCCATGAAGATGATTCGGGACAACCTGCCACCCCGACTGAAGAA
CTCTGCACAGGTGTGCCATCCCTGAAGGGCTTCTTGAGCCGCTGCTGGTGGCAGACCCTGCCGACGG
GCCACGCGACGCCGAGCTGCTGAAGCACCCATTCTTGGCCAAGGCAGGGCGCTGCCAGCATCGTGCCCG
TCATGCGCCAGAACCACCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217097 protein sequence

Red=Cloning site Green=Tags(s)

MFGKRRKRVEISAPSNFEHRVHTGFDQHEQKFTGLPRQWQSLIEESARRPKPLVDPACITSIQPGAPKTI
VRGSKGAKDGAL TLLLEDEFENMSVTRNSLRDSDPPPARARQENGMPPEEPATTARGGPGKAGSRGRFAG
HSEAGGSGDRRRAGPEKRPKSSREGSGGPQESSRDKRPLSGPDVGTQPAGLASGAKLAAGRPFNTYPR
ADTDHPSRGAQGEPHDVAPNGPSAGGLAIPQSSSSSRPPTRARGAPSPGVLGPHASEQLAPPACTPAA
PAVPGPPGPRSPQREPQRVSHEQFRAALQLVVDPGDPRS YLDNF IKIGEGSTGIVCIATVRSSGKLVAVK
KMDLRKQQRRELLFNEVVMRDYQHENVVEMYSYLVGDELWVWMEFLEGGALTDIVTHTRMNEEQIAAV
CLAVLQALSVLHAQGVIIHRDIKSDSILLTHDGRVKLSDFGFCQVSKEVP RRKSLVGTPYWMAPELISRL
PYGPEVDIWSLGIMVIEMVDGEPPYFNEPPLKAMKMIRDNLPPRLKNLHKVSPSLKGLDRLLVRDPAQR
ATAAELLKHPFLAKAGPPASIVPLMRQNRTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_001014832
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F7638
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_001014832.1</u>
RefSeq Size:	2765 bp
RefSeq ORF:	1776 bp
Locus ID:	10298
UniProt ID:	<u>O96013</u>
Cytogenetics:	19q13.2
MW:	64.1 kDa