

Product datasheet for **RC213831A1V**

Human PAK1 (NM_002576) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAK1 (NM_002576) AAV Particle
Tag:	Myc-DDK
Symbol:	PAK1
Synonyms:	alpha-PAK; IDDMSSD; p65-PAK; PAKalpha
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213831 representing NM_002576 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCAAATAACGGCCTAGACATTCAAGACAAACCCAGCCCCCTCCGATGAGAAATACCAGCACTATGA
TTGGAGCCGGCAGCAAAGATGCTGGAACCCTAAACCATGGTTCTAAACCTCTGCCTCCAAACCCAGAGGA
GAAGAAAAAGAAGGACCGATTTTACCGATCCATTTACCTGGAGATAAAACAAATAAAAAGAAAGAGAAA
GAGCGGCCAGAGATTTCTCTCCCTTCAGATTTTGAACACACAATTCATGTCGGTTTTGATGCTGTACAG
GGGAGTTTACGGGAATGCCAGAGCAGTGGGCCCGCTTGCTTCAGACATCAAATATCACTAAGTCGGAGCA
GAAGAAAAACCCGACGGCTGTTCTGGATGTGTTGGAGTTTACAACCTCGAAGAAGACATCCAACAGCCAG
AAATACATGAGCTTTACAGATAAGTCAGCTGAGGATTACAATTCTTCTAATGCCTTGAATGTGAAGGCTG
TGTCTGAGACTCCTGCAGTGCCACCAGTTTCAGAAGATGAGGATGATGATGATGATGATGCTACCCACC
ACCAGTGATTGCTCCACGCCAGAGCACACAAATCTGTATACACACGGTCTGTGATTGAACCACTTCCT
GTCACCTCAACTCGGGACGTGGCTACATCTCCCATTTACCTACTGAAAATAACACCACTCCACCAGATG
CTTTGACCCGGAATACTGAGAAGCAGAAGAAGACCTAAATGTCTGATGAGGAGATCTTGGAGAAATT
ACGAAGCATAGTGAGTGTGGCGATCCTAAGAAGAAATATACACGGTTTGAGAAGATTGGACAAGGTGCT
TCAGGCACCGTGTACACAGCAATGGATGTGGCCACAGGACAGGAGGTGGCCATTAAGCAGATGAATCTTC
AGCTAAAGAGCTGCTACAGCATCAATTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC213831 representing NM_002576 Red=Cloning site Green=Tags(s) MSNNGLDIQDKPPAPPMRNTSTMIGAGSKDAGTLNHGSKPLPPNPEEKKKKDRFYRSILPGDKTNKKKEK ERPEISLPDSDFEHTIHVGFDVGTGEFTGMPEQWARLLQTSNITKSEQKKNPQAVLDVLEFYNSKKTSNSQ KYMSFTDKSAEDYNSSNALNVKAVSETPAVPPVSEDEDDDDATPPPVIAPRPEHTKSVYTRSVIEPLP VTPTRDVATSPISPTENNTTPPDALTRNTEKQKKKPKMSDEEILEKLSIVSVGDPKKKYTRFEKIGQGA SGTVYTAMDVATGQEVAIKQMNQLKSCYSINS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002576
ORF Size:	939 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_002576.3</u>
RefSeq Size:	3264 bp
RefSeq ORF:	1638 bp
Locus ID:	5058
UniProt ID:	<u>Q13153</u>
Cytogenetics:	11q13.5-q14.1
MW:	34.58 kDa