

Product datasheet for **RC202302A1V**

Human PAK4 (NM_005884) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PAK4 (NM_005884) AAV Particle
Tag:	Myc-DDK
Symbol:	PAK4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202302 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTGGGAAGAGGAAGAAGCGGGTGGAGATCTCCGCGCCGTCCAACCTCGAGCACCGGTGCACACGG
 GCTTCGACCAGCACGAGCAGAAGTTCACGGGGCTGCCCGCCAGTGGCAGAGCCTGATCGAGGAGTCGGC
 TCGCCGGCCAAAGCCCTCGTCGACCCCGCTGCATCACCTCCATCCAGCCCGGGGCCCCCAAGACCATC
 GTGCGGGGAGCAAAGGTGCCAAAGATGGGGCCCTCACGCTGCTGCTGGACGAGTTTGAACAATGTCGG
 TGACACGCTCCAACCTCCCTGCGGAGAGACAGCCCGCCGCGCCCGCCGTCGCCGCCAGGAAAATGGGAT
 GCCAGAGGAGCCGGCCACCACGGCCAGAGGGGGCCAGGGAAGGCAGGCAGCCGAGGCGGGTTCGCCGGT
 CACAGCGAGGCGGGTGGCGGCAGTGGTACAGGCGACGGGCGGGGCCAGAGAAGAGGCCCAAGTCTTCCA
 GGGAGGGCTCAGGGGTCCCAGGAGTCTCCCGGACAAACGCCCTCTCCGGCCTGATGTCGGCAC
 CCCCCAGCTGCTGGTCTGGCCAGTGGGCGAAACTGGCAGCTGGCCGGCCCTTAAACACCTACCCGAGG
 GCTGACACGGACCACCATCCCGGGGTGCCAGGGGAGCCTCATGACGTGGCCCTAACGGGCCATCAG
 CGGGGGCCCTGGCCATCCCCAGTCT
 CAGCCCTGGAGTGTGGGACCCACGCCTCAGAGCCCCAGCTGGCCCTCCAGCCTGCACCCCGCCGCC
 CCTGCTGTTCTGGGCCCTGGCCCCGCTCACCACAGCGGGAGCCACAGCGAGTATCCCATGAGCAGT
 TCCGGGCTGCCCTGCAGCTGGTGGTGGACCCAGGCGACCCCGCTCTACCTGGACAACCTCATCAAGAT
 TGGCGAGGGCTCCACGGGCATCGTGTGCATCGCCACCGTGCAGCTCGGCAAGCTGGTGGCCGTCAAG
 AAGATGGACCTGCGCAAGCAGCAGAGGCGGAGCTGCTTTCAACGAGGTGTAATCATGAGGGACTACC
 AGCACGAGAATGTGGTGGAGATGTACAACAGTACCTGGTGGGGGACGAGCTCTGGTGGTTCATGGAGTT
 CCTGGAAGGAGCGCCCTCACCAGCATCGTCACCCACACCAGGATGAACGAGGAGCAGATCGCGCCGCTG
 TGCCTTGCAGTGTGCAGGCCCTGTCGGTGTCTCACGCCAGGGCGTATCCACCGGACATCAAGAGCG
 ACTCGATCCTGTGACCCATGATGGCAGGGTGAAGCTGTGAGACTTTGGGTTCTGCGCCAGGTGAGCAA
 GGAAGTCCCCGAAGGAAGTCGCTGGTGGCGACGCCCTACTGGATGGCCCCAGAGCTCATCTCCCGCCTT
 CCCTACGGGCCAGAGGTAGACATCTGGTGTGGGATAATGGTATTGAGATGGTGGACGGAGAGCCCC
 CCTACTCAACGAGCCACCCCTCAAAGCCATGAAGATGATTGGGACAACCTGCCACCCGACTGAAGAA
 CCTGCACAAGGTGTGCCATCCCTGAAGGGCTTCTGGACCGCTGCTGGTGGAGACCTGCCAGCGG
 GCCACGGCAGCGAGCTGCTGAAGCACCATTCTGGCCAAGGCAGGGCCGCTGCCAGCATCGTCCCC
 TCATGCCCCAGAACCACCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202302 protein sequence
 Red=Cloning site Green=Tags(s)

MFGKRKRKVEISAPSNFEHRVHTGFDQHEQKFTGLPRQWQSLIEESARRPKPLVDPACITSIQPGAPKTI
 VRGSKGAKDGALTLILLDEFENMSVTRSNLRRDSPPPPARARQENGMPEEPATTARGGPKAGSRGRFAG
 HSEAGGSGDRRRAGPEKRPKSSREGSGGPQESSRDKRPLSGPDVGPQPAGLASGAKLAAGRPFNTPR
 ADTDHPSRGAQGEPHDVAPNGPSAGGLAIPQSSSSSRPPTRARGAPSPGVLGPHASEPQLAPPACTPAA
 PAVPGPPGPRSPQREPQRVSHEQFRAALQLVVDPGDPRS YLDFIKIGEGSTGI VCIATVRSSGKLVAVK
 KMDLRKQQRRELLFNEVVIMRDYQHENVVEMYNSYLVGDELWVVMFLEGGALTDIVTHTRMNEEQIAAV
 CLAVLQALSVLHAQGVHRDIKSDSILLTHDGRVKLSDFGFCAQVSKEVPRRSLVGPYWMAPELISRL
 PYGPEVDIWSLGMVIMVMDGEPYPYFNEPPLKAMKMIIRDNLPPRLKNLHKVSPSLKGFDRLLVRDPAQR
 ATAAELLKHPFLAKAGPPASIVPLMRQNRTR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005884
ORF Size:	1773 bp
Buffer:	PBS with 0.001% Pluronic F5318
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_005884.3</u>
RefSeq Size:	2838 bp
RefSeq ORF:	1776 bp
Locus ID:	10298
UniProt ID:	<u>O96013</u>
Cytogenetics:	19q13.2
MW:	64.1 kDa