

Product datasheet for **RC205448A1V**

Human KPNA4 (NM_002268) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KPNA4 (NM_002268) AAV Particle
Tag:	Myc-DDK
Symbol:	KPNA4
Synonyms:	IPOA3; QIP1; SRP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205448 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGACAACGAGAACTGGACAACCAACGGCTCAAGAATTTCAAGAACAAGGCCGCGACTTGGAGA
 CTATGAGAAGACAACGAAATGAAGTTGTAGTTGAATTAAGGAAGAATAAAGAGATGAACATCTCTAAA
 GAGAAGGAATGTACCACATGAAGATATCTGTGAAGACTCTGATATAGATGGTGATTATAGAGTGCAAAAT
 ACCTCTCTAGAAGCTATTGTTCAAAATGCTTCAAGTGATAACCAAGGAATTCAATTAAGTGCAGTTCAAG
 CTGCTAGGAAGCTTTTGTCCAGTGATCGAAATCCACCAATTGATGACTTAATAAAATCTGGAATATTGCC
 CATTAGTCCATTGTCTTGAAGAGATGACAATCCTTCTTACAGTTTGAAGCTGCATGGGCTTTGACA
 AACATTGCATCTGGAACCTTGAACAACTCAAGCAGTAGTTCAGTCCAATGCTGTGCCACTTTTCTGA
 GGCTTCTCCATCACCCATCAGAATGTCTGTGAGCAAGCAGTGTGGCATTGGGAAATATCATAGTGTA
 TGGGCCCCAGTGTAGAGATTATGTCATAAGTCTTGGAGTTGTGAAACCTTACTTTCCTTATAAGTCCA
 TCTATTCTATAACATTCCTAAGAAATGTTACTTGGGTTATGGTCAACTTATGTGCCACAAAGACCCAC
 CACCACCAATGGAACCATTCAGGAGATTCTTCCAGCCCTTTGTGTTTTAATTCATCACACAGATGTAAA
 TATACTGGTAGACACAGTCTGGGCCCTCTTACCTTACTGATGCTGGCAATGAACAAATACAGATGGTA
 ATAGACTCTGGAATAGTTCCTCATTGGTTCCTCTGCTCAGCCACCAGGAAGTTAAAGTTCAGACTGCTG
 CACTTAGAGCTGTGGCAACATTGTTACTGGAAGTGTGAGCAACACAAAGTAGTTTTGAACTGTGATGC
 TCTTTCACACTCCCAGCACTCTGACACATCCCAAAGAGAAAATTAATAAGAAGCAGTGTGGTTCTCT
 TCCAACATCACTGCAGGAAATCAGCAGCAGGTACAGGCAGTAATTGATGCCAATCTTGTACCAATGATAA
 TACACCTTTTGGATAAGGGGGATTTTGGCACTCAAAAAGAAGCTGCTTGGGCCATAAGTAACTTAAACA
 TAGTGGGAAGGAAGATCAAGTGGCTTACCTTATCCAACAAAATGTTATCCACCTTTTGGCAACTTGTG
 ACTGTAAGATGCACAAGTTGTGCAAGTAGTACTCGATGGACTAAGTAAATATATTAATAAATGGCTGAAG
 ATGAGGCGAAACCATAGGCAATCTTATAGAAGATGTGGAGGCTGGAGAAAATGAACAACTTCAAAA
 TCATGAAAATGAAGACATCTACAAATGGCCTATGAGATCATTGATCAGTTCTTCTTTCAGATGATATT
 GATGAAGACCCTAGCCTTGTCCAGAGGCAATCAAGGCGAACATTTGGTTTCAATTCATCTGCCAATG
 TACCAACAGAAGGTTCCAGTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205448 protein sequence
 Red=Cloning site Green=Tags(s)

MADNEKLDNQRLKNFKNKGRDLETMRQRNEVVVELRKNKRDEHLLKRRNVPHEIDCEDSDIDGDYRVQN
 TSLEAIVQNASSDNQGIQLSAVQAARKLLSSDRNPPIDDLIKSGILPILVHCLERDDNPSLQFEAAWALT
 NIASGTSEQTQAVVQSNVPLFLRLLHSPHQNVCEQAVWALGNIIGDGPQCRDYVISLGVVKPLLSFISIP
 SIPITFLRNVTVWVNLCRHKDPPPMETIQEILPALCVLIHHTDVNILDVTVWALSYLTDAGNEQIQMV
 IDSGIVPHLVPLLSHQEVKVTAAALRAVGNIVTGTDEQTQVVLNCDALSHFPALLTHPKEKINKEAVWFL
 SNITAGNQQQVAVIDANLVPMIHLLDKGDFGTQKEAAWAISNLTISGRKDQVAYLIQQNVIPPFENLL
 TVKDAQVVQVLDGLSNILKMAEDEAETIGNLIEECGGLKIEQLQNHENEDIYKLAYEIIDQFFSSDDI
 DEDPSLVPEAIQGGTFGFNSSANVPTEGFQF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002268

ORF Size:

1563 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_002268.3</u>
RefSeq Size:	8981 bp
RefSeq ORF:	1566 bp
Locus ID:	3840
UniProt ID:	<u>O00629</u>
Cytogenetics:	3q25.33
MW:	57.9 kDa