

Product datasheet for **RC227373A1V**

Human KPNA7 (NM_001145715) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KPNA7 (NM_001145715) AAV Particle
Tag:	Myc-DDK
Symbol:	KPNA7
Synonyms:	IPOA8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC227373 representing NM_001145715
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGCCGACCTTAGATGCTCCAGAAGAGAGGCGGAGAAAAATTTAAGTACCGAGGCAAAGATGTGTCTCTGA
 GGCGACAGCAGAGGATGGCGGTCACTCTGGAGCTCCGAAAGGCCAAGAAAGATGAACAGACCTTAAAGAG
 AAGGAATATCACGAGCTTCTGCCCTGACACACCTTCTGAAAAACAGCCAAAGGGGTGGCGGTACGCCTC
 ACTCTGGGTGAAATAATCAAAGGTGTGAATAGCTCAGATCCAGTCCTATGTTTCCAGGCCACCCAGACAG
 CCAGGAAAAATGCTATCCAGGAAAAAGACCCCTCTGAACTGGTCATTGAAGCGGGCCTATTCCAG
 GATGGTGGAGTTCCTGAAGTCATCACTTTACCCCTGCTGCACTTTGAGGCTGCCTGGGCCCTGACCAAC
 ATCGTTCAGGGACTTCGGAGCAGACTCGTGCCGTGGTAGAAGGGGGAGCCATCCAGCCCTTGATTGAGC
 TCCTGTCTTCTCCAACGTGGCTGTGTGTGAACAGGCAGTGTGGGCTCTTGGTAATATAGCCGGTATGG
 CCCAGAGTTCAGAGATAACGTCAACACAAGCAATGCCATCCACATCTCTAGCCTTGATTTACCCACC
 CTGCCGATCACATTTCTGCGGAACATCAGTGGACCTTGTCGAATCTGTGCCGAAACAAGAACCCATACC
 CTTGCGACACTGCGGTGAAGCAGATACTGCCGGCCCTCCTTCACTCCTGCAGCACCAGGACAGTGAGGT
 TCTCTCGGATGCCTGCTGGGCACTGTCTACCTACCGACGGCTCCAACAAGCGCATCGGCCAAGTGTT
 AACACGGGGGTCTGCCAGGCTGGTAGTGCTCATGACCAGCTCAGAATCAATGTCTTGACTCCTTCTC
 TCCGCACCGTGGGGAACATTGTACGGGCACAGATGAGCAGACGAGATGGCCATTGATGCGGGTATGCT
 GAACGTGCTCCCCAGCTCTGCAACACAACAAGCCCTCCATCCAGAAGGAGGAGCCTGGGCCCTGAGC
 AACGTAGCAGCGGGGCCCTGTCAACACATCCAGCAGCTGCTTGCTACGACGCTTGCCTCCCTTGGTGG
 CTCTGCTAAAAACGGAGAATTTAAAGTCCAGAAAGAGGCTGTCTGGATGGTGGGCAACTTTGCAACAGG
 GGCCACCATGGATCAGCTGATCCAGCTCGTCCACTCTGGGGTCTGGAGCCACTGGTGAATCTGCTCACT
 GCCCCAGATGTTAAATTTGTTCTCATCATCCTTGATGTCATCTTGCATCCTCCAGGCGGCAGAGAAAC
 GGTCTGAGAAGGAAAACCTGTGTCTTCTGATAGAAGAACTTGGTGGGATCGATAGAATTGAGGCTTTACA
 GCTGCATGAGAACCGTCAAATTGGCCAGTCGGCTTTGAACATCATCGAGAAGCACTTTGGTGAGGAAGAA
 GATGAGAGCCAACTTTACTGAGCCAAGTCATAGACCAAGATTATGAATTTATAGATTATGAATGCTTAG
 CAAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MPTLDAPEERRRKFYRGKDVSLRRQQRMAVSLELRKAKKDEQTLKRRNITSFCPDPSEKTAKGVAVSL
 TLGEIIGVNSSDPVLCFQATQTARKMLSQEKNPPLKLVIEAGLIPRMVEFLKSSLYPCLQFEAAWALTN
 IASGTSEQTRAVVEGGAIQPLIELLSSSNVAVCEQAVWALGNIAGDGPEFRDNVITSNAIPHLLALISPT
 LPITFLRNITWLSNLCRKNPYPCDTAVKQILPALLHLLQHDSVLSDACWALSYLTDGSNKRIGQVV
 NTGVLPRLVVMTSSELNVLTSLRTVGNIVTGTDEQTQMAIDAGMLNVLPQLLQHNKPSIQKEAAWALS
 NVAAGPCHHIQQLLAYDVLPLVALLKNGEFKVQKEAVWMVANFATGATMDQLIQLVHSGVLEPLVNLIT
 APDVKIVLIILDVISCILQAAEKREKENLCLLIEELGGIDRIEALQLHENRQIGQSALNIEKHFGEED
 DESQTLTSQVIDQDYEFIDYECLAKK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001145715

ORF Size:

1548 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_001145715.1</u>
RefSeq ORF:	1551 bp
Locus ID:	402569
UniProt ID:	<u>A9QM74</u>
Cytogenetics:	7q22.1
MW:	56.8 kDa