

Product datasheet for **RC207314A1V**

Human KPNA3 (NM_002267) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KPNA3 (NM_002267) AAV Particle
Tag:	Myc-DDK
Symbol:	KPNA3
Synonyms:	hSRP1; IPOA4; SRP1; SRP1gamma; SRP4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC207314 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCGAGAACCCAGCTTGGAGAACCACCGCATCAAGAGCTTCAAGAACAAGGCGCGATGTGGAAA
 CAATGCGAAGACATAGAAATGAAGTGACAGTGGAACTGCGGAAGAACAAAAGAGATGAACACTTATTGAA
 AAAGAGAAATGTTCCCAAGAAGAAAGTCTAGAAGATTGATGTTGATGCTGATTTAAAGCACAAAAT
 GTAACCTAGAAAGCTATATTGCAGAATGCCACAAGTGATAACCCAGTGGTCCAATTGAGTGCTGTCCAGG
 CAGCAAGAAAAGTGTATCCAGTGACAGAAATCCACCGATTGATGACTTAATAAAATCTGGGATTTTACC
 AATTCTAGTCAAATGTCTAGAAAGGGATGATAATCCTTCATTACAGTTTGAAGCTGCTGGGCATTAAC
 AACATAGCATCAGGAAGTCTGCACAGACTCAAGATATTGTGCAGTCTAATGCAGTACCTCTTTTCTGA
 GACTTCTTCGTTACCCACATCAGAATGTTTGTGAACAAGCAGTATGGGCTTTGGGAAACATTATAGTGGA
 TGGTCCTCAATGTAGAGATTATGTCATATCACTGGGAGTTGTCAAACCTCTTCTGTCCTTCATCAGTCCC
 TCCATCCCCATCACCTTCCTTCGGAACGTACATGGGTCAATTGTCAATCTCTGCAGGAATAAGGATCCCC
 CACCGCTATGGAGACAGTTTCCAGGAGATTTTGGCAGCTTTATGTGCTCATATACCATACAGATATAAA
 CATTCTTGTAGACACTGTTTGGGCTCTGTCATACTTGACAGATGGAGGTAATGAACAGATACAGATGGTT
 ATTGATTCAGGAGTTGTGCCCTTTCTTGTGCCCTTCTGAGCCATCAGGAAGTCAAAGTTCAAACAGCAG
 CCCTCAGAGCAGTTGGCAACATAGTGACTGGCACCACGAGCAGACCCAGGTTGTTCTCAATTGTGATGT
 CCTGTCACACTTCCAAAATCTCTTATCACACCCAAAAGAGAAGATAAATAAGGAAGCAGTGTGGTTCCTT
 TCCAACATAACAGCAGGCAACCAGCAACAAGTTCAAGCTGTAATAGATGCTGGATTAATTCCTATGATAA
 TTCATCAGCTTGCTAAGGGGACTTTGGAACACAAAAGAAGCTGCTGGGCAATCAGCAACTTAACAAT
 AAGTGGCAGAAAAGATCAGGTTGAGTACCTTGTACAGCAGGATGTAATACCACCGTTCTGTAATTTACTG
 TCAGTGAAGATTCTCAAGTGGTTCAGGTGGTCTAGATGGTCTAAAAAACATTCTGATATGGCCGGTG
 ATGAAGCAAGCACAATAGCTGAAATAATAGAGGAATGTGGAGGTTTGGAGAAAATTGAAGTTTACAGCA
 ACATGAAAATGAAGACATATATAAATTAGCATTTGAAATCATAGATCAGTATTTCTCTGGTGATGATATT
 GATGAAGATCCCTGCCTATTCTGAAGCAACACAAGGAGGTACCTACAATTTTGATCCAACAGCCAACC
 TTCAAACAAAAGAATTTAATTTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207314 protein sequence
 Red=Cloning site Green=Tags(s)

MAENPSLENHRIKSFKNKGRDVETMRRHRNEVTVELRKNKRDEHLLKKNRNPQEESEDSVDADFKAQN
 VTLEAILQNATSDNPVVQLSAVQAARKLLSSDRNPPIDDLIKSGILPILVKCLERDDNPSLQFEAAWALT
 NIASGTSATQDIVQSNAPVPLFLRLRSPHQNVCEQAVWALGNIIGDGPQCRDYVISLGVVKPLLSFISIP
 SIPITFLRNVTVIVNLCRNKDPPPMETVQEILPALCVLIYHTDINILVDTVWALSYLTDGGNEQIQMV
 IDSGVVPFLVPLLSHQEVKVQTAALRAVGNIIVTGTDEQTQVVLNCDVLSHFQNLSSHPEKINKEAVWFL
 SNITAGNQQQVQVIDAGLIPMIHQLAKGDFGTQKEAAWAISNLTISGRKDQVEYLVQQDVIPFPCNLL
 SVKDSQVVQVLDGLKNILIMAGDEASTIAEIIIEECGLEKIEVLQQHENEDIYKLAFEIIDQYFSGDDI
 DEDPCLIPATQGGTYNFDPTANLQTKENF

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_002267

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_002267.2</u>
RefSeq Size:	4478 bp
RefSeq ORF:	1566 bp
Locus ID:	3839
UniProt ID:	<u>O00505</u>
Cytogenetics:	13q14.2
MW:	57.9 kDa