

Product datasheet for **RC219968A1V**

Human AKAP7 (NM_016377) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AKAP7 (NM_016377) AAV Particle
Tag:	Myc-DDK
Symbol:	AKAP7
Synonyms:	AKAP15; AKAP18
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC219968 representing NM_016377 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTCAGAGGAATTTGAAGCCAATACTATGGATTCTCTGGTAGACATGCCATTTGCTACTGTAGATATTC
AGGATGACTGTGGAATCACTGATGAACCTCAAATAAATTTGAAGAGAAGTCAAGAAAATGAATGGGTCAA
GAGTGATCAAGTAAAGAAGAGGAAAAAGAGAAAAGATTATCAACCCAACTATTTCTGTCCATTCCA
ATCACCAACAAAGAGATTATAAAGGAATTAAGATCCTGCAGAATGCAATAATACAACAAGATGAGCGAC
TGGCCAAAGCAATGGTCAGTGATGGTTCCTTTTCATATTACCCTGCTGGTGATGCAATTATTAATGAAGA
TGAAGTAAACATTGGTATTGATGCTCTTTTGAATTGAAACCATTATAGAAGAACTCCTCCAGGGAAAA
CATTTGACTTTGCCCTTTCAAGGGATTGGTACTTTTGGAAATCAGGTTGGATTTGTGAAGCTGGCAGAAG
GAGATCATGTAACTCACTTTTGGAGATAGCAGAGACTGCAAATAGGACATTTCAAGAAAAGGCATCCT
GGTAGGAGAGAGCAGAAGTTTAAACCTCATTTGACCTTCATGAAGTTGTCAAAATCACCGTGGCTCCGT
AAGAATGGAGTGAAAAAATAGATCCTGATTTATGAAAAGTTATCAGTCACAGATTTGGAGAAGAAA
TATTATATCGCATAGATCTTTGCTCCATGCTGAAGAAAAACAAAGTAATGGTTATTATCACTGTGAATC
TTCCATTGTGATTGGTAAAAGAACGGAGGGGAGCCCGATGACGCTGAAGTAAAGGCTCAGTAAGAGG
CTGGTGGAGAACGCGGTGCTCAAGGCTGTCCAGCAGTATCTGGAGGAAACACAGAATAAAACAAGCCGG
GGGAGGGGAGCTCTGTGAAAACCGAAGCAGCTGATCAGAATGGCAATGACAATGAGAACAACAGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC219968 representing NM_016377 Red=Cloning site Green=Tags(s) MSEEF EANTMDSLVDMPFATVDIQDDCGITDEPQINLKRSQENWVKSDQVKKRKKRKYQPNYFLSIP ITNKEIIKGIKILQNAIIQQDERLAKAMVSDGSFHITLLVMQLLNEDEVNIGIDALLELPFIEELLQGK HLTLPFQIGITFGNQVGFVKLAEGDHVNSLLEIAETANRTFQEKGILVGESRSFKPHLTFMKLSKSPWLR KNGVKKIDPDLYEKFISHRFGEEL YRIDLC SMLKKKQSNGYHCESSIVIGEKNGGEPDDAELVRLSKR LVENAVLKAVQQYLEETQNKPKGEGSSVKTEAADQNGNDNENNRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016377
ORF Size:	978 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:	NM_016377.2 , NP_057461.1
RefSeq Size:	2821 bp
RefSeq ORF:	1047 bp
Locus ID:	9465
UniProt ID:	Q9P0M2
Cytogenetics:	6q23.2
MW:	36.9 kDa