

Product datasheet for **RC221314A1V**

Human AKAP5 (NM_004857) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human AKAP5 (NM_004857) AAV Particle
Tag:	Myc-DDK
Symbol:	AKAP5
Synonyms:	AKAP75; AKAP79; H21
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC221314 representing NM_004857 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAACCACAATTTTCAGAAATTCATGTAGAAAACAAGGATGAGAAGAGATCAGCAGAAGGTAGTCCTG
GGGCTGAAAGGCAGAAGGAAAAGGCATCCATGCTTTGCTTCAAGAGAAGAAAGAAAGCAGCCAAAGCACT
GAAGCCCAAAGCTGGCTCTGAAGCTGCTGATGTGGCAAGGAAGTGTCCACAAGAAGCAGGAGCTTCTGAT
CAGCCAGAGCCACACGGGGGGCTGGGCCTCACTCAACCGTCTTGTAAACACGCAGGAAAAGGTGAGAT
CTTCAAAGCAGCAAAAGCCATTGGAGGGTGAAATGCAACCTGCAATAAATGCTGAGGATGCTGATCTTTC
TAAGAAAAAGGCAAAATCTAGACTTAAGATTCCCTGCATAAAATTTCCCAAGAGGGCCAAAAGGAGTAAT
CATTCCAAAATTATAGAAGACTCAGACTGCAGCATCAAAGTCCAGGAAGAAGCTGAAATTTTGGATATAC
AAACACAGACCCCATTTGAATGATCAGGCAACAAAGGCTAAGTCAACCCAGGATCTAAGTGAAGGCATCTC
ACGGAAGATGGTGATGAGGTCTGTGAATCAAATGTGAGCAATAGCATAACTTCTGGAGAGAAAGTGATT
TCAGTAGAACTTGGATTAGATAATGGGCATTCTGCTATTCAAACGGGAAGCTAATCCTTGAAGAAATTG
AAACGATCAAGGAAAAACAAGATGTTCAACCCAGCAAGCAAGCCCACTTGAACTTCAGAAACAGACCA
TCAGCAGCCAGTACTTTCTGATGTTCTCTTTACCTGCAATTCAGATCAACAAATTGTGAAGAAGCC
AGTAACAGTACCCTAGAAAGTGACCAAATGGAAGAACTATGAAAGTACAGAGATTGTAGCTGAAGAAA
CTAAGCCAAAAGATACTGAATTGAGCCAAGAATCAGATTTTAAAGAAAATGGGATCACTGAAGAGAAATC
CAAATCAGAAGAAAGCAAAAGAATGGAGCCAATTGCTATTATTATTACAGACACTGAAATCAGTGAATTT
GATGTTACAAAATCTAAAAATGTCCCTAAGCAATTCTTAATTTTCAAGTGAAGTGAAGTGAAGTGAAGT
TTGCTAATGATAATGGTTTTGAGGATAGAACTTCAGAACAAATATGAAACACTCTTAATTGAAACAGCCTC
TTCTCTAGTCAAGAATGCTATTCAAGTTGTAATAGAACAGCTGGTTAATGAAATGGCCTCTGATGATAAT
AAAATAACAATCTTCTACAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC221314 representing NM_004857 Red=Cloning site Green=Tags(s) METTISEIHVENKDEKRSAEGSPGAERQKEKASMLCFKRRKKAALKPKAGSEAADVARKCPQEAGASD QPEPTRGAWASLKRLVTRRKRESSKQKPLEGEMQPAINAEDADLSKKKAKSRLKIPCIKFPRGPKRSN HSKIIEDSDCSIKVQEEAEILDIQTQTPLNDQATKAKSTQDLSEGISRKDGDEVCESNVSNSITSGEKVI SVELGLDNHSAIQGTGLILEEIIETIKEKQDVQPQQASPLETSETDHQQPVLSDVPPLPAIPDQQIVEEA SNSTLESAPNGKDYESTEIVAEETKPKDTELSQESDFKENGITEEKSSEESKRMEPIAIIITDTEISEF DVTKSKNVPKQFLISAENEQGVGFANDNGFEDRTSEQYETLLIETASSLVKNAIQLSIEQLVNEMASDDN KINLLQ* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004857
ORF Size:	1281 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_004857.2</u> , <u>NP_004848.2</u>
RefSeq Size:	2601 bp
RefSeq ORF:	1284 bp
Locus ID:	9495
UniProt ID:	<u>P24588</u>
Cytogenetics:	14q23.3
MW:	46.9 kDa