

Product datasheet for **RC209059A1V**

Human KAT5 (NM_006388) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KAT5 (NM_006388) AAV Particle
Tag:	Myc-DDK
Symbol:	KAT5
Synonyms:	cPLA2; ESA1; HTATIP; HTATIP1; NEDFASB; PLIP; TIP; TIP60; ZC2HC5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209059 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGAGGTGGGGGAGATAATCGAGGGCTGCCGCTACCCGTGCTGCGGCGGAACCAGGACAACGAAG
 ATGAGTGGCCCTGGCCGAGATCCTGAGCGTGAAGGACATCAGTGGCCGGAAGCTTTTCTACGTCCATTA
 CATTGACTTCAACAAACGTCTGGATGAATGGGTGACGCATGAGCGGCTGGACCTAAAGAAGATCCAGTTC
 CCCAAGAAAGAGGCCAAGACCCCACTAAGAACGGACTTCTGGGTCCCGTCTGGCTCTCCAGAGAGAG
 AGGTGCCGGCCTCGGCGCAGGCCAGCGGAAGACCTTGCCAATCCCGGTCCAGATCACACTCCGTTCAA
 CCTGCCAAGGAGCGGGAGGCCATTCCCGGTGGCGAGCCTGACCAGCCGCTCTCTCCAGCTCTGCCTG
 CAGCCCAACCACCGCTCAACGAAACGGAAGGTGGAGTGGTTTACCAGCAACTCCAGTCCCGAGCGAGA
 CAGCCCGGCCCTCGGTTTTTCCCAGAATGGAGCCGCCGTAGGCGAGTGGCAGCCAGCCAGGACGGAA
 GCGAAAATCGAATTGTTTGGGCACTGATGAGGACTCCAGGACAGCTCTGATGGAATACCGTCAGCACCA
 CGCATGACTGGCAGCCTGGTGTCTGATCGAAGCCACGACGACATCGTCACCCGGATGAAGAACATTGAGT
 GCATTGAGCTGGGCGCGCACCGCTCAAGCCGTGGTACTTCTCCCGTACCCACAGGAATCACCACATT
 GCCTGTCTCTACCTGTGCGAGTTCTGCCTCAAGTACGGCCGTAGTCTCAAGTGTCTTACGCGTCATTTG
 ACCAAGTGTGACCTACGACATCTCCAGGCAATGAGATTTACCGCAAGGGCACCATCTCCTTCTTTGAGA
 TTGATGGACGTAAGAACAAGAGTTATTTCCAGAACCTGTGTCTTTGGCCAAGTGTTCCTTGACCATAA
 GACACTGTACTATGACACAGACCCTTCTCTTCTACGTATGACAGAGTATGACTGTAAGGGCTTCCAC
 ATCGTGGGCTACTTCTCAAGGAGAAAGAATCAACGGAAGACTACAATGTGGCCTGCATCCTAACCTGC
 CTCCTACCAGCGCCGGGGCTACGGCAAGCTGCTGATCGAGTTCAGCTATGAACCTCTCAAAGTGAAGG
 GAAAACAGGGGACCCCTGAGAAGCCCTCTCAGACCTTGGCCTCCTATCCTATCGAAGCTACTGGTCCCAG
 ACCATCTGGAGATCCTGATGGGGCTGAAGTCGGAGAGCGGGAGAGGCCACAGATCACCATCAATGAGA
 TTAGTGAAATCACCAGCATCAAGAAGGAGGATGTCATCTCCACTCTGCAGTACCTCAATCTCATCAACTA
 CTACAAGGGCCAGTACATCCTCACACTGTCAGAGGACATCGTGGATGGCCATGAGCGGGCCATGCTCAAG
 CGGCTCTGCGGATCGACTCCAAGTGTCTGCACCTCACTCCCAAGGACTGGAGCAAGAGGGGGAAGTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209059 protein sequence
 Red=Cloning site Green=Tags(s)

MAEVGEIIEGCRPLVLRNQNDEWPLAEILSVKDISGRKLFYVHYIDFNKRLDEWVTHERLDLKKIQF
 PKKEAKPTKNGLPGRPGSPEREVPASQAQSGKTLPIPVQITLRFNLPKEREIPGGEPDQPLSSSSCL
 QPNHRSTKRKVEVSPATVPVSETAPASVFPQNGAARRAVAAQGRKRKSNCLGTDEDSQDSSDGIPSAP
 RMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWYFSPYPQELTTLPVLYLCEFLKYGRSLKCLRHL
 TKCDLRHPPGNEIYRGTISFFEIDGRKNKSYSQNLCLLAKCFLDHKTLYYDTPFLFYVMEYDCKGFH
 IVGYFSKEKESTEDYNVACILTPPYQRRGYGKLLIEFSYELSKVEGKTGTPEKPLSDLGLLSYRSYWSQ
 TILEILMGLKSESGERPQITINEISEITSIKKEDVISTLQYLNLIYNYKGQYILTSEDIVDGHARAMLK
 RLLRIDSKCLHFTPKDWSKRGKW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_006388

ORF Size:

1539 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_006388.2</u>
RefSeq Size:	2248 bp
RefSeq ORF:	1542 bp
Locus ID:	10524
UniProt ID:	<u>Q92993</u>
Cytogenetics:	11q13.1
MW:	58.6 kDa