

Product datasheet for **RC215979A1V**

Human KAT5 (NM_182710) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human KAT5 (NM_182710) 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:

>RC215979 representing NM_182710
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGGAGGTGGTGAGTCCGGTGCCCGGGCGGGCGGAGGGAGCCAGGGGAGGTGGGTAGAGCCCGAG
 GCGCGCGAGTAGCCGACCCTGGCGTCGCGCTGTCTCCCGAGGGGAGATAATCGAGGGCTGCCGCTACC
 CGTGCTCGCGCGGAACAGGACAACGAAGATGAGTGGCCCTGGCCGAGATCCTGAGCGTGAAGGACATC
 AGTGGCCGGAAGCTTTTCTACGTCCATTACATTGACTTCAACAAACGTCTGGATGAATGGGTGACGCATG
 AGCGGCTGGACCTAAAGAAGATCCAGTTCCTCAAGAAAGAGGCCAAGACCCCACTAAGAACGGACTTCC
 TGGGTCCCGTCTGGCTCTCCAGAGAGAGAGGTGCCGGCTCGGCGCAGGCCAGCGGGAAGACCTTGCCA
 ATCCCGGTCCAGATCACACTCCGCTTCAACCTGCCAAGGAGCGGGAGGCCATTCCCGGTGGCGAGCCTG
 ACCAGCGCTCTCTCCAGCTCCTGCCTGCAGCCCAACACCGCTCAACGAAACGGAAGGTGGAGGTGGT
 TTCACAGCAACTCCAGTGCCCGAGGAGACAGCCCGGCTCGGTTTTTCCCGAGAATGGAGCCGCCGT
 AGGGCAGTGCCAGCCAGCCAGGACGGAAGCGAAAATCGAATTGTTTGGGCACTGATGAGGACTCCAGG
 ACAGCTCTGATGGAATACCGTCAGCACCACGCATGACTGGCAGCCTGGTGTCTGATCGAAGCCACGACGA
 CATCGTACCCGGATGAAGAACATTGAGTGCATTGAGCTGGGCCGGCACCGCCTCAAGCCGTGGTACTTC
 TCCCGTACCCACAGGAACCTACCACATTGCCTGTCTCTACCTGTGCGAGTTCTGCCTCAAGTACGGCC
 GTAGTCTCAAGTGTCTTCAGCGTCATTTGACCAAGTGTGACCTACGACATCTCCAGGCAATGAGATTTA
 CCGCAAGGGCACCATCTCTTCTTTGAGATTGATGGACGTAAGAACAAGATTATTCCAGAACCTGTGT
 CTTTGGCCAAGTGTTTCTTGGACATAAGACACTGTACTATGACACAGACCTTTCTCTTCTACGTCA
 TGACAGAGTATGACTGTAAGGGCTTCCACATCGTGGGCTACTTCTCAAGGAGAAAGATCAACGGAAGA
 CTACAATGTGGCCTGCATCCTAACCTGCCTCCCTACCAGCGCCGGGGCTACGGCAAGCTGCTGATCGAG
 TTCAGCTATGAATCTCCAAAGTGAAGGGAACAGGGACCCCTGAGAAGCCCTCTCAGACCTTGCC
 TCCTATCTATCGAAGCTACTGGTCCCAGACCATCCTGGAGATCCTGATGGGGCTGAAGTCGGAGAGCGG
 GGAGAGGCCACAGATCCCATCAATGAGATTAGTGAATCACCAGCATCAAGAAGGAGGATGTCTCTCC
 ACTCTGCAGTACCTCAATCTCATCACTACTACAAGGGCCAGTACATCTCACACTGTCAGAGGACATCG
 TGGATGGCCATGAGCGGGCCATGCTCAAGCGGCTCCTGCGGATCGACTCCAAGTGTCTGCACTTCACTCC
 CAAGGACTGGAGCAAGAGGGGGAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAEVVSPVPGAGRREPGEVGRARGPPVADPGVALSPQGEIIEGCRLPVLRRNQDNEDEWPLAEILSVKDI
 SGRKLFYVHYIDFNKRLDEWVTHERLDLKKIQFPKKEAKTPTKNGLPGSRPGSPEREVPASAQASGKTLP
 IPVQITLRFNLPKEREAIIPGGEPDQPLSSSSCLQPNHRSTKRKVEVSPATPVPSETAPASVFPQNGAAR
 RAVAAQPRKRKSNCLGTDEDSQDSSDGIPSA PRMTGSLVSDRSHDDIVTRMKNIECIELGRHRLKPWF
 SPYPQELTTLPVLYLCEFLKYGRSLKCLQRHLTKCDLRHPPGNEIYRKGTISFFEIDGRKNKYSQNLCL
 LLAKCFLDHKTLYYDTPFLFYVMTEYDCKGFHIVGYFSKEKESTEDYNVACILTLPPYQRRGYKLLIE
 FSYELSKVEGTGTPEKPLSDLGLLSYRSYWSQTILEILMGLKSESGERPQITINEISEITSIKKEDVIS
 TLQYLNLIYYKGQYILTSEIDVGHERRAMLKRLLRIDSKCLHFTPKDWSKRGKW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_182710

ORF Size:	1638 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_182710.1</u>
RefSeq Size:	2335 bp
RefSeq ORF:	1641 bp
Locus ID:	10524
UniProt ID:	<u>Q92993</u>
Cytogenetics:	11q13.1
MW:	61.6 kDa