

Product datasheet for **RC201852A1V**

Human katanin p80 (KATNB1) (NM_005886) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human katanin p80 (KATNB1) (NM_005886) AAV Particle
Tag:	Myc-DDK
Symbol:	KATNB1
Synonyms:	KAT; LIS6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201852 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCCACCCCTGTGGTCACCAAGCAGACGCTGGAAGTTGCAAGAGATCGTCGCGCATGCCAGCAACGCTG
CCTCACTGGTGCTGGGCAAAGCCTCCGGGCGGCTGCTGGCTACAGGCGGGGATGACTGCCGCGTCAACCT
GTGGTCCATCAACAAGCCCAACTGCATCATGAGCCTGACGGGCCACACATCCCCAGTGGAGAGCGTCCGC
CTCAACACCCCCGAGGAGCTCATCGTGGCCGGCTCTCAGTCGGGCTCCATCCGTGTCTGGGACCTGGAAG
CTGCCAAAATTCTTCGCACACTCATGGGACACAAAGCCAACATCTGCAGCCTGGATTTCCACCCGTACGG
CGAGTTTGTAGCCTCTGTTCCACAGACACAAACATCAAGCTCTGGGACATCAGGAGGAAAGGCTGTGTC
TTCCGATACAGGGGGCAGACCCAGGCCGTGCGGTGTCTCCGGTTCAGCCCCGATGGGAAGTGGTTGGCGT
CGGCCGAGATGACCACACCGTGAAGCTCTGGGATCTACTGCCGGCAAGATGATGTCTGAGTTCCCTGG
TCACACGGGGCCTGTCAACGTGGTCGAGTTTCACCCCAACGAGTACCTCCTGGCCTCCGGCAGCTCTGAC
AGGACAATCCGCTTCTGGGACCTGGAGAAGTTCAGGTGGTGAGCTGCATCGAAGGGGAGCCTGGGCCCC
TCAGGAGCGTCTCTTCAACCCAGATGGCTGCTGCCTGTACAGCGGCTGCCAGGACTCACTGCGTGCTA
CGCTGGGAACCTGAGCGGTGCTTTGATGTGTTCTGTCAACTGGGGCAAGGTGGCCGACCTGGCCATC
TGCAATGACCAGTTGATAGGTTGGCCTTCTCCACAGGACAACGCTCTCCTCACTACGTGGTGGATGTACGC
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CAACCCAGCGCCCCCTCCGGCGCATCTATGAGCGGCCAGCACAACTGCAGCAAGCCTCAGAGGGTG
AAGCAGAACTCAGAGAGCGAGCGCCGAGCCCCAGCAGCGAGGATGACCGGGACGAGCGCGAGTCCCGC
CGGAGATCCAGAACGCCGAGGACTACAACGAGATCTTCCAGCCCAAGAACAGCATCAGTCGGACGCCACC
CCGAGAAGTGAGCCCTTCCCTGCACCCCAAGGACGACGCGAGCCACAGCAAAGGAGGCAGCAAAGCCC
AGCCCTGCCATGGATGTGCAGTTCCTGGTGCCAAATCTGGAGGTCTGCCCGGCCCCAGTGGTTGCTT
CCACACCTGCACCAAGGCTGAGCCTGCCATCATCCCTGCCACCCGGAACGAGCCCATCGGCTGAAGGC
CTCCGACTTCTGCCCGCGTGAAAGATCCCCAGCAGGCCGAGCTGGTGGACGAGGATGCCATGTACAG
ATCCGCAAAGGCCACGACACCATGTGTGTGGTGCTACCAAGCCGCCACAAGAACCTGGACACTGTGCGGG
CTGTGTGGACCATGGGCGACATCAAGACGTGCGTGGACTCCGCTGTGGCCATCAACGACCTGTGCGTGGT
GGTGGACCTCCTGAACATCGTCAACCAGAAAGCCTCCCTGTGGAAGCTGGACCTGTGCACCACCGTCTCT
CCACAGATTGAGAAGCTTCTGCAGAGCAAGTATGAGAGCTACGTCCAGACGGGCTGCACCTCCCTGAAGC
TGATCCTGCAGCGGTTTCTGCCCTCATCACAGACATGCTGGCGGCCCCACCCTCTGTGGGTGTGGATAT
CAGCAGGAGGAGAGGCTGCATAAGTGCCGGCTCTGCTACAAGCAGCTTAAGAGCATCAGCGGCCCTGGTC
AAGAGCAAGTCAGGCCTGAGCGGCCGCCATGGCAGTACCTTCCGCGAGCTGCACCTGCTCATGGCCAGTC
TGGAC

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201852 protein sequence Red=Cloning site Green=Tags(s) MATPVVTKTAWKLQEIVAHASNVSSLVLGKASGRLLATGGDDCRVNLWSINKPNCIMSLTGHTSPVESVR LNTPEELIVAGSQSGSIRVWDLEAAKILRTLGMGHKANICSLDFHPYGEFVASGSQDTNIKLDIRRKGCV FRYRGHSQAVRCLRFSPDGKWLASAADDHTVKLWDLTAGKMMSEFPGHTGPNVVEFHPNEYLLASGSSD RTIRFWDLEKFQVVSCIEGEPGVRVSVLFNPDGCCLYSGCQDSLRYGWEPERCFDVVLVNWGKVADLAI CNDQLIGVAFSQSNVSSYVVDLTRVTRTGTVARDPVQDHRPLAQPLPNPSAPLRRRIYERSTTCSKPQRV KQNSESERRSPSEDDRRERESRAEIQNAEDYNEIFQPKNSISRTPPRRSEFPAPPEDDAATAKEAAKP SPAMDVQFPVPNLEVLPRPPVASTPAPKAEPAPIPATRNEPIGLKASDFLPAVKIPQQAELVDEDAMSQ IRKGHDTMCVVLTSRHKNLDTVRAVWTMGDIKTSVDSAVAINDLSVVVDLLNIVNQKASLWKLDLCTTVL PQIEKLLQSKYESYVQTGCTSLKLILQRFLPLITDMLAAPPVSGVDISREERLHKRLCYQLKSISGLV KSKSGLSGRHGSTFRELHLLMASLD SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005886
ORF Size:	1965 bp
Buffer:	PBS with 0.001% Pluronic F5237
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_005886.2</u>
RefSeq Size:	2661 bp
RefSeq ORF:	1968 bp
Locus ID:	10300
UniProt ID:	<u>Q9BVA0</u>
Cytogenetics:	16q21
MW:	72.3 kDa