

Product datasheet for **RC203010A1V**

Human **GPATCH3 (NM_022078)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GPATCH3 (NM_022078) AAV Particle
Tag:	Myc-DDK
Symbol:	GPATCH3
Synonyms:	GPATC3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC203010 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

 ATGGCGGTGCCGCGAGGCGGAGGAGGAGGCGACAGTTTACCTGGTAGTGAGCGGTATCCCTCCGTGT
TGCCTCGGCCATTTACGAGCTATTTAGCCAGTTCGAGAAGAGCGCGCGGTGGCTTCTCTGTTT
CCACTACCGGCATCGGCTGAGCGGCCCTCCGAGGCGCTCCTAACTCTGCCTAATTCCTACCGAC
CCAGCCGTGAGGCGCAGCTTCTCTCAGACTTCGGCCACCGATGTCCGGCTCTCTCACTCGAGACT
CTACTCAATCCAGACCCGACCTGCTGCTGCTCATCTCGTAAGGGGTTGGCTCAAGCTCAGAGGCT
TATTGCGATGACTCGGGCGCGGTGGCTGGATTCTCACGGGACTTGGCTACCGGGTCTGCTCATC
CGCAGACTTCGGTACCTACGGAGGCATCAGTCTGGGCTCCTTCCCTCAAGACCCGGAAGAACTGC
AGAGTTGAAGGCAGAGAATGAAGCCTTACCCTGGCTGACCTGAAGCAACTGCCGAGCTGAACCCACC
AGTGTGATGCCAGAGGAATGTGGGACTCCCTGCGGGTCTTTTGGAGTTGATCCGGGCTGCCGC
CTACCCCTCGGATCATCACCCAGCTGCAGCTCCAGTTCCCAAGACAGGTTCTCCCGCGCTACGGCA
ATGTGCCTTTTGAATGAGGACTCAGAGACTGTGGAGCAGGAAGAGCTTGTGTATACAGCAGAGGTGA
AGAAATACCCCAAGGAACCTACCTGGCAGATATACCAGCCAGCCCTGTGGAGAGCTGAGGAAGAAGTG
GGGAAGGAAGGAAGAAGAGTCTCACTCAGATGAGGACGATGACCGGGTGAGGAATGGGAACGGCATG
AAGCGTGCATGAGGACGTGACCGGGCAGGAGCGGACCACTGAGCAGCTCTTGGAGGAGAGATTGAGCT
CAAGTGGGAGAAGGTGGCTCTGGCCTGGTGTATTAATGATGCCAGTTCTGGCAGGAGGAAGAAGGA
GATTTTATGATGAACAGACAGCCGATGACTGGGATGTGGACATGAGTGTGACTATGACAGAGATGGTGGAG
ACAAGGATGCCGAGACTCTGTCAAATGCGTCTGGAACAGAGACTCCGAGATGGACAGGAAGATGGCTC
TGTGATCGAACGCCAGGTGGGCACCTTTGAGCGCCACACCAAGGGCATTGGGCGGAAGGTGATGGAGCGG
CAGGGCTGGGCTGAGGGCCAGGCTGGGCTGCAGGTGCTCAGGGGTGCCTGAGGCCCTGGATAGTGATG
GCCAACACCCAGATGCAAGCGTGGATTGGGTACCATGGAGAGAAGCTACAGCCATTTGGGCAACTGAA
GAGGCCCGTAGAAATGGCTTGGGGCTCATCTCCACCATCTATGATGAGCCTCTACCCCAAGACCAGACG
GAGTCACTGCTCCGCCGCCACCCACCAGCATGAAGTTTCGGACAGACATGGCCTTTGTGAGGGGT
CCAGTTGTGCTCAGACAGCCCTCATTGCCTGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203010 protein sequence

Red=Cloning site Green=Tags(s)

 MAVPGEAEEETVYLVSIGIPSVLRSALRSYFSQFREERGGFLCFHYRHRPERAPPQAAPNSALIPD
PAAEGQLLSQTSATDVRPLSTRDSTPIQTRTCCCVISVRGLAQARLIRMYSGRRLWDSHGTLWPGRLI
RRLRLPTEASGLGSFPFKTRKELQSWKAENEAFTLADLKQLPELNPPVLMPRGNVGTPLRVFLEIRACR
LPPRIITQLQLQFPKGTSSRRYGNVPFEYEDSETVEQEELVYTAEGEEIPQGTYLADIPASPCGPEEEV
GKEEEESHSDDDRGEWERHEALHEDVTGQERTTEQLFEEIEELKWEKGGSLVFYTDQFQWEEEG
DFDEQTADDWDVMSVYDRDGGDKDARDSVQMRLEQRLRDGQEDGSVIERQVGTFERHTKGIGRKVMER
QGWAEGQGLGCRCSGVPEALDSGQHPRCKRGLGYHGEKLQPFQQLKPRRNLGLISTIYDEPLPDQT
ESLLRRQPPTSMKFRDMAFVRGSSCASDSPSLPD

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_022078

ORF Size:

1575 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_022078.1</u>
RefSeq Size:	2145 bp
RefSeq ORF:	1578 bp
Locus ID:	63906
UniProt ID:	<u>Q96I76</u>
Cytogenetics:	1p36.11
MW:	59.3 kDa