

Product datasheet for **RC209571A1V**

Human HAT1 (NM_001033085) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human HAT1 (NM_001033085) AAV Particle
Tag:	Myc-DDK
Symbol:	HAT1
Synonyms:	histone acetyltransferase 1; KAT1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC209571 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTTCCGTGTTGAATATGCATCTAAAGTTGATGAGAACTTTGACTGTGTAGAGGCAGATGATGTTGAGG
GCAAAATTAGACAAATCATTCCACCTGGATTTGCACAAACACGAATGATTTCTTTCTTTACTGGAAAA
GGAAGTTGATTTCAAGCCATTCGGAACCTTACTTCATACCTACTCAGTTCTCAGTCCAACAGGAGGAGAA
AACTTTACCTTTTCAGATATATAAGGCTGACATGACATGTAGAGGCTTTGAGAATATCATGAAAGGCTTC
AGACCTTTTGTGATGTGGTTTATTGAACTGCTAGCTTTATTGACGTGGATGATGAAAGATGGCACTACTT
TCTAGTATTTGAGAAGTATAATAAGGATGGAGCTACGCTCTTTGCGACCGTAGGCTACATGACAGTCTAT
AATTAATATGTGTACCCAGACAAAACCCGGCCACGTGTAAGTCAGATGCTGATTTTGACTCCATTTCAAG
GTCAAGGCCATGGTGCTCAACTTCTTGAACAGTTTCATAGATACTACACTGAATTTCTACAGTTCTTGA
TATTACAGCGGAAGATCCATCCAAAAGCTATGTGAAATTACGAGACTTTGTGCTTGTGAAGCTTTGTCAA
GATTTGCCCTGTTTTCCCGGAAAAATTAATGCAAGGATTCAATGAAGATATGGCGATAGAGGCACAAC
AGAAGTTCAAAATAAATAAGCAACACGCTAGAAGGTTTATGAAATCTTCGACTACTGGTAAGTACAT
GAGTGATGCCGAACAATACAGAAGCTACAGACTGGATATTAAGAAGACTAATTAGCCCATATAAGAAA
AAGCAGAGAGATCTTGCTAAGATGAGAAAATGTCTCAGACCAGAAGAACTGACAAACCAGATGAACCAAA
TAGAAATAAGCATGCAACATGAACAGCTGGAAGAGAGTTTTCAGGAAGTGTGGAAGATTACCGCGTGT
TATTGAACGACTTGCTCAAGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC209571 protein sequence Red=Cloning site Green=Tags(s) MFRVEYASKVDENFDCVEADDVEGKIRQIIPPGFCTNTNDFLSLLEKEVDFKPFGTLLHTYSVLSPGTGGE NFTFQIYKADMTCRGFREYHERLQTFLMWFIEASFIDVDDERWHYFLVFEKYNKDGATLFATVGYMTVY NYYVYPDKTRPRVSQMLILTPFQGQGHGAQLLETVHRYYTEFPTVLDITAEDPSKSYVKLRDFVLVKLCQ DLPCFSREKLMQGFNEDMAIEAQKFKINKQHARRVYEILRLLVTDMSDAEQYRSYRLDIKRRLLISPYKK KQRDLAKMRKCLRPEELTNQMNQIEISMQHEQLEESFQELVEDYRRVIERLAQE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001033085
ORF Size:	1002 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_001033085.1, NP_001028257.1</u>
RefSeq Size:	1596 bp
RefSeq ORF:	1004 bp
Locus ID:	8520
Cytogenetics:	2q31.1
MW:	39.8 kDa