

Product datasheet for **RC213251A1V**

Human GIN1 (NM_017676) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GIN1 (NM_017676) AAV Particle
Tag:	Myc-DDK
Symbol:	GIN1
Synonyms:	GIN-1; TGIN1; ZH2C2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213251 representing NM_017676
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCCGTAGTGGAAAAATGGTGACCTTCATCTTAACAGATTGCATATTACAAACGAACTGGTGAAT
 ATCATTTCAACTACACTGCCAAGTGAGAGAAGTGGCATAAGAAGAGCAGCAAAAAATTTGTCTTCAAAGA
 AAAAAAGCTGTTTTATGTTGGAAAAGACAGAAAACAAAATCGTTTGGTAATTGTTTCAGAAGAGGAAAAA
 AAGAAAGTCTTAAGAGAATGCCATGAAAATGACAGTGGAGCTCATCATGGTATATCCAGGACCTCACTC
 TGGTAGAATCCAATTATTATTGGACATCTGTGACCAATGATGTCAAACAGTGGGTATATGCTTGCAGCA
 TTGCCAAGTGGCAAAAAATACAGTTATTGTAGCACCGAAACAGCACCTTCTCAAGGTGGAAAATCCATGG
 AGTTTAGTTACTGTTGATCTGATGGGGCCTTTTCATACAAGCAACAGAAGTCATGTATATGCTATAATCA
 TGACAGATTTGTTACCAAAATGGATTGTGATTTTGCCTCTATGTGATGTTTCAGCATCAGAAGTTTCTAA
 AGCTATTATCAATATATTTTCTTATATGGACCTCCTCAGAAAATAAATGGACCAAAGAGATGAATTC
 ATTCACAGATCAATATTGAACTGTACAGATTGTTTGGCATAAAGCAAATTGTAATTTCTCACACCTCTG
 GAACTGTTAACCAACGAAAAGTACACCTAACACAATCAAAGCATTCTCTCCAAACACTGTGCTGACCA
 CCCAAACAATTGGGATGATCACCTATCAGCTGTTTCATTTGCCTTCAATGTAACCTCACTTGAACCTACT
 AAAAAACACCATATTTTCAAATGTTTAGTCGAAATCCTTATATGCCTGAGACTTCAGATAGTCTTCATG
 AAGTGGATGGTGATAATACAAGTATGTTTGCCAAAATCTAGATGCAATTAAAGAAGCTGATAAAATAAT
 GGAGAATAAGACAACCTCACTGGGCCAGATGGAGAACAACAATTTGGATGAACTAAATAAAGCAAGATC
 ATTGTTAAAAAGAAACCCAAACAATTAATCCATTTCAATTTAAAGTGGGTGATGAAGTTTAAAGACAAA
 GGAAAAATTGGTGAAGGATGGTCGTTTTCAGTCTGAATGGGTTGGTCCTTGTGTCATAGACTATATTAC
 AGAAAGTGGATGTGCTGTCTGAGAGACAACACTGGGGTTAGACTGAAAAGACCTATCAAAATGTCCAC
 CTTAAGCCCTACATAAGAGAATCCAGTGAACAAGAAAGCTTTATCTCTTGAAGGTTCACTAGTGGCAG
 ATCATGACTACATTGGATTGCCTGAAATTCCGATTGGAGCATATCAAGCAAAATATTCTGGTGAAGATGC
 AACTATTGGTATAGTCGATAATGAATTACTGACATCAAGCAAGGATCGTGAATATTAGAATATAGAAAT
 ACGAAATCTCTCCATTGATAGACGATCATAGTTCTCTTGAAGCAGACTTTCAGTCTGTTGGACTCTT
 CAAACCAGGTTCTTGAATACTTAAGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MVRSGKNGDLHLKQIAYYKRTGEYHSTLPSERSGIRRAAKKFVFKEKKLFYVGKDRKQNRLLVIVSEEEK
 KKVLRCHENDSGAHHGISRTLTLVESNYWTSVTNDVKQWVYACQHCQVAKNTVIVAPKQHLKVENPW
 SLVTVDLMGPFHTSNRSHVYAIIMTDLFTKWIVILPLCDVSASEVSKAIINIFFLYGPPQKIIMDQRDEF
 IQQINIELYRLFQIKQIVISHTSGTVNPTESTPNTIKAFLSKHCADHPNNWDDHL SAVSFAFNVT HLEPT
 KNTPYFQMF SRNPYPETSDSLHEVDGNTSMFAKILDAIKEADKIMENKTTSLGQMNNDLDELNKS
 IIVKKPKQLNPFHLKVGHEVLRQRKNWWKDRFQSEWGPCVIDYITESGCAVLRDNTGVRLKRP
 IKMSHLKPYIRESSEQESLYLLQGSVVADHDYIGLPEIPIGAYQANILVEDATIGIVDNELLTSSKDRELLEYRN
 TKISPLIDHSSLEKQTFSLDSSNQVLEYLS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_017676

ORF Size:

1566 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_017676.2</u> , <u>NP_060146.2</u>
RefSeq Size:	3549 bp
RefSeq ORF:	1569 bp
Locus ID:	54826
UniProt ID:	<u>Q9NXP7</u>
Cytogenetics:	5q21.1
MW:	59.7 kDa