

Product datasheet for **RC224385A1V**

Human GCNT1 (NM_001097634) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GCNT1 (NM_001097634) AAV Particle
Tag:	Myc-DDK
Symbol:	GCNT1
Synonyms:	C2GNT; C2GNT-L; C2GNT1; G6NT; NACGT2; NAGCT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC224385 representing NM_001097634 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGAGGACGTTGCTGCGAAGGAGACTTTTTCTTATCCCACCAAATACTACTTTATGGTTCTTGTTT
TATCCCTAATCACCTTCTCCGTTTTAAGGATTCATCAAAGCCTGAATTTGTAAGTGTCAGACACTTGGA
GCTTGCTGGGGAGAATCCTAGTAGTGATTAATTGCACCAAAGTTTTACAGGGTGATGTAATGAAATC
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TAAACATGACCACTGACTGTTCTTCTTTCATCAAGAGACGCAAATATATTGTAGAACCCCTTAGTAAAGA
AGAGGCCGAGTTTCCAATAGCATATTCTATAGTGGTTTCATCACAAGATTGAAATGCTTGACAGGCTGCTG
AGGGCCATCTATATGCCTCAGAATTTCTATTGCATTCATGTGGACACAAAATCCGAGGATTCCTATTTAG
CTGCAGTGATGGGCATCGCTTCTGTTTTAGTAATGTCTTTGTGGCCAGCCGATTGGAGAGTGTTGTTTA
TGCATCGTGGAGCCGGTTTCAGGCTGACCTCACTGCATGAAGGATCTCTATGCAATGAGTGCAAACTGG
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AGTTGTTAATGGGAGAAAACAACCTGGAACGGAGAGGATGCCATCCATAAAGAAGAAAGGTGGAAGAA
GCGGTATGAGGTCGTTAATGGAAGCTGACAAACACAGGACTGTCAAATGCTTCTCCACTCGAAACA
CCTCTCTTTTCTGGCAGTGCCTACTTCTGGTCACTAGGAGTATGTGGGTATGTACTACAGAATGAAA
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GCCAGGTTTGTCAAGTGGCAGTACTTTGAGGTGATGTTTCCAAGGTGCTCCCTACCGCCCTGCGATG
GAGTCCATGTGCGCTCAGTGTGCATTTTCGGAGCTGGTGAATGGAATGCTGCGCAACACCACTT
GTTTGCCAATAAGTTTGACGTGGATGTTGACCTCTTGCCATCCAGTGTGGATGAGCATTTGAGACAC
AAAGCTTTGGAGACATTAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC224385 representing NM_001097634 Red=Cloning site Green=Tags(s) MLRTLRRRLFSYPTKYYFMVLVLSLITFSVLRIHQKPEFVSVRHLELAGENPSSDINCTKVLQGDVNEI QKVKLEILTVKFKRPRWTPDDYINMTSDCSSFIKRRKYIVEPLSKEEAEFPIAYSIVVHHKIEMLDRLL RAIYMPQNFYCIHVDTKSEDSYLAAVMGIASCF SNV FVASRLESVYASWSRVQADLNCMKDLYAMSANW KYLINLCGMDFPKTNLEIVRKLLMGENNLETERMP SHKEERWKKRYEVVNGKLTNTGTVMPLPLET PLFSGSAYFVVSREYVGYVLQNEKIQKLMWAQDTYSPDEYLWATIQRIPVPGSLPASHKYDLSDMQAV ARFVKWQYFEGDVSKGAPYPGCVHVRVCIFGAGDLNWMLRKHHLFANKFDVDVDFAIQCLDEHLRH KALET LKH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001097634
ORF Size:	1284 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_001097634.1</u> , <u>NP_001091103.1</u>
RefSeq Size:	5984 bp
RefSeq ORF:	1287 bp
Locus ID:	2650
UniProt ID:	<u>Q02742</u>
Cytogenetics:	9q21.13
MW:	49.6 kDa