

Product datasheet for **RC224337A1V**

Human **GCNT1** (NM_001097633) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GCNT1
Synonyms:	C2GNT; C2GNT-L; C2GNT1; G6NT; NACGT2; NAGCT2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC224337 representing NM_001097633
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGCTGAGGACGTTGCTGCGAAGGAGACTTTTTCTTATCCACCAAATACTACTTTATGGTTCTTGTT
TATCCCTAATCACCTTCTCCGTTTTAAGGATTCATCAAAGCCTGAATTTGTAAGTGCAGACACTTGA
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AGTTGTTAATGGGAGAAAACAACTGGAAACGGAGAGGATGCCATCCATAAAGAAAGAAAGGTGGAAGAA
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CCTCTCTTTTCTGGCAGTGCTACTTCGTGGTCAGTAGGGAGTATGTGGGTATGTACTACAGAATGAAA
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GCCAGGTTTGTCAAGTGGCAGTACTTTGAGGGTATGTTTCAAGGGTGTCCCTACCCGCCCTGCGATG
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GTTTGCCAATAAGTTTGACGTGGATGTTGACCTCTTGCCATCCAGTGTTGGATGAGCATTGAGACAC
AAAGCTTTGGAGACATTAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>RC224337 representing NM_001097633 Red=Cloning site Green=Tags(s) MLRTLRLRRRLF SYPTKYFMVLVLSLITFSVLRIHQKPEFVSVRHLELAGENPSSDINCKVLQGDVNEI QKVKLEILTVKFKRPRWTPDDYINMTSDCSSFIKRRKYIVEPLSKEEAEFPIAYSIVVHHKIEMLDRLL RAIYMPQNFYCIHVDTKSEDSYLAAYMGIASCF SNFVASRLESVYASWSRVQADLNCMKDL YAMSANW KYLINLCGMDFPKTNLEIVRKLKLLMGENNLETERMP SHKEERWKKRYEVVNGKLTNTGTVKMLPPLET PLFSGSAYFVVSREYVGVLQNEKIQKLEWAQDTYSPDEYLWATIQRIPEVPGSLPASHKYDLSDMQAV ARFVKWQYFEGDVSKGAPYPYPCDGVHRSVCIFGAGDLNWMLRKHHLFANKFDVDVDFAIQCLDEHLRH KALETLKH TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001097633
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:	NM_001097633.1 , NP_001091102.1
RefSeq Size:	5488 bp
RefSeq ORF:	1287 bp
Locus ID:	2650
UniProt ID:	Q02742
Cytogenetics:	9q21.13
MW:	49.6 kDa