

Product datasheet for **MR229859A1V**

Mouse *Gcnt1* (NM_173442) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Gcnt1
Synonyms:	5630400D21Rik; B130048E03; C2 GlcNAcT; C2GNT; IGnT
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >MR229859 representing NM_173442
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCTGAGAACTTGTTTCGGAGGAGACTTTCTCTTGCTCTACAAATACTACTTTATGCTCCTTGTC
TCTCTTTAATTACCTTCTCTGTTTTAAGAATTCATCAGAAGCCTGAATTTTCAGTGTCAGACACTTGGA
GCTGGCTGGAGATGATCCTTACAGCAATGTTAATTGCACCAAGATTTACAGGGTGACCCAGAAGAAATC
CAGAAGGTGAAGCTTGAGATACTAACAGTGCAATTCAGAAGCGCCCGAGGCGGACACCCCATGACTATA
TAAACATGACCCGTGACTGTGCCTCTTTCATCAGGACACGCAATATATTGTGGAGCCCTTACTAAAGA
AGAGGTAGGCTTTCCAATTGCATATCCATTGTGGTTCATCATAAGATTGAAATGCTTGACAGGCTCCTG
AGGGCCATCTATATGCCTCAGAATTTCTACTGCATTACGTGGACAGAAAAGCAGAGGAATCCTTTTTAG
CCGCGGTGCAGGGCATCGCATCCTGCTTTGATAATGTCTTTGTGGCCAGCCAGTTGGAGAGTGTGTTTA
TGCGTCTGGAGTCGGGTTAAGGCAGACCTCAACTGCATGAAGGACCTGTACAGAATGAATGCAAACTGG
AAGTACTTGATCAATCTCTGTGGTATGGATTTCCCTATTAACCAACCTGGAAATTGTCAGGAAGCTCA
AGTGCTCCACAGGGGAAAACAACCTGGAACTGAGAAGATGCCTCCCAACAAGGAAGAGAGATGGAAAAA
AAGATACACCGTTGTCGATGGGAAGCTGACCAACTGGAATAGTCAAAGCACCGCCCCACTGAAAAC
CCTCTCTTTTCAGGCAGTGCCTACTTCGTGGTCACTAGGGAATATGTAGGCTACGTGCTGGAAAATGAAA
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GCTAGGTTTGTCAAGTGGCAGTACTTCGAAGGCCATGTTTCAACGGTGGCCCTTATCCACCGTGCAGTG
GAGTCCACGTGCGCTCTGTGTGCGTCTCGGAGCTGGTGAATGAGCTGGATGCTGCGCCAACACCACT
TTTTGCCAATAAGTTTGACATGGATGTCGACCCCTTTGCCATCCAGTGTTGGATGAACATCTGAGGCAT
AAGCCCTGGAGAACTTAGAACAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence:	>MR229859 representing NM_173442 Red=Cloning site Green=Tags(s) MLRNLFRRLFSCTKYFMLVLVSLITFSVLRIHQKPEFFSVRHLELAGDDPYSNVNCTKILQGDPEEI QKVKLEILTVQFKRPRRTPHDYINMTRDCASFIRTRKYIVEPLTKEEVGFPIAYSIVVHHKIEMLDRLL RAIYMPQNFYCIHVDRAEESFLAAVQGIASCFDNVVASQLESVYASWSRVKADLNCMKDLYRMNANW KYLINLCGMDFPKTNLEIVRKLKSTGENNLETEKMPPNKEERWKKRYTVVDGKLTNTGIVKAPPLKT PLFSGSAYFVVTREYVGYLENENIQKLEWAQDTYSPDEFLWATIQRIPEVPGSFPSSNKYDLSMNAI ARFVKWQYFEGHVSNGAPYPPCSGVHRSVCVFAGDLSWMLRQHHLFANKFDMVDVDFAIQCLDEHLRH KALENLEH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_173442
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_173442.5</u> , <u>NP_775618.3</u>
RefSeq Size:	4612 bp
RefSeq ORF:	1287 bp
Locus ID:	14537
UniProt ID:	<u>Q09324</u>
Cytogenetics:	19 12.75 cM
MW:	49.8 kDa