

Product datasheet for **RC204339A1V**

Human GCC1 (NM_024523) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GCC1 (NM_024523) AAV Particle
Tag:	Myc-DDK
Symbol:	GCC1
Synonyms:	GCC1P; GCC88
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC204339 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGAAGAAGTTTGGGATGAATTCGGGGCGGCCCGAGCAAGAAGGACTTGCTGGAGACTATAGAGACCC
AGAAGAAGCAGCTTCTCCAGTACCAGGCACGGCTCAAGGATGTGGTCCGTGCCTATAAAAGCCTGCTGAA
GGAGAAAGAGGCATTAGAGGCCAGCATCAAGGTGCTGTCGGTATCCACGAGGCAGATGTGGGCCTCGCA
GGTGTCCAGCTTCCAGGCCTCACCTTTCTGACTCTGTGGATGACCGGTGCTCCACTCACAGCGAGGATA
GCACTGGGACCGCCACTAGCTTGGATACTGCGGCCAGTCTCACCAGCACCAAGGGTGAGTTGGGGTAGA
AGATGACAGACCGGCCGTGGACCACCACTCCAAAGTCCGAAGAGGCCAGTTGGTCCGAGAGTGGCGTT
AGCAGTAGCAGTGGGGATGGGCCATTTGCAGGTGGGGAGGTGGACAAAAGACTGCACCAGCTGAAGACTC
AGTTGGCTACTTTGACCAGTTCTTTGGCTACAGTCACTCAGGAGAAGTCCCGCATGGAGGCTTCTTACTT
GGCTGACAAGAAAAAGATGAAACAGGACTTAGAGGATGCCAGTAACAAGCGGAGGAGGAGGGCCCGC
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ATGATCGGGCCCAAGAGCAGAGTGACCATGCCTTGATGCTGCGTGAGCTCCAGAAGCTGCTGCAGGAGGA
GAGGACCCAGCGCCAGGACTTGGAGCTTAGGTTAGAAGAGACCCGAGAAGCCTTGGCAGGACGAGCATAT
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GTGAACTGCAGGCCATTCGAGATGAGAAGAATCAGCCAGATCCCGGGTGCAAGAACTTCAGGAAGAGGC
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CAACTCCGTGACCAATCTCAGGTAGAAGAACAGAGGGTGGCAGCCCTGGAGAATCAAATATCCGAGGTGT
CTGAGCTGCTAGGCACCTACGAGAAAGCCAAGCAGAAGGACCAGCTGGCCATTGAGAAGCTGAAGGAGCG
CATTCTGCAGCTGGACCTGGAGAACAAGACACTGGCTCTAGCAGCCTCCAGCAGGTCCCTTTAGACAGC
CATGGAGAGGAGTCCAGTCTGGATGTCAATGTCTGAAAGATAAGATGGAGAAGCTGAAGAGGCTGCTGC
AGGTTGCGGCCAGGAAAAGCCAGGTGACCTGGATGTGGAGAAGCTCTGTGACCTGGAGATAATGCCAG
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GAGTTTGAGAGGTACAAGATGAGAGCCAGGTTGTCTCAAAGCAAGAATACCAAAGATGGTAACCTGG
GAAAGGAGCTGGAGGCAGCCAGGAACAGCTTGACAGCTGAAGGAGAAGTATATTTCCCTGCGGCTCTC
CTGCGAGGAGCTGGAGCACCAACACCAGCAGGAGGCTGATGACTGGAAGCAGGAGCTGGCCCGGCTGCAG
CAGCTCCACCGCAGGAGCTGGAGCGGTGCCAGCTGGACTTCAGGGACCGCACACTGAACTGGAGGAGG
AGCTGACAAGCAGCGGATCGTGCCCTAGCTGTGCTCACCAGAAAGGACTTGGAAGTGGAGCAACTGCG
TTCTGTGGCCTTGGCCTCTGGGCTGCCAGGACGAGAAGTCTGTGGGTGGTGGCGGTCTGGGGACCCA
GCTGACACATCATCTCTGATAGCCTGACCCAAGCATTACAACCTTGACAGCGCCAATGAGCCACTTTCT
TTCTGTACGCTGAGCAACTGGCCCGCAAGGAGGTGGAGATCACATCACTGAGGAAGCAGAAGCACAGGCT
GGAGGTGAGGTGCATCAGCTGCAGGATCGGCTGCTGGAGGAGGGCGAACGGCATCGTGAGGAGGTTGCA
GCCCTGCAGAGCCACATCGAAAAGAATCAGGGACCAGAGCAGGAGGGAGCCAATCTGGAGTACCTCA
AAAACATCATCTACCGCTTCTGACCTTACCTGACTCCCTGGGCCGCCAGCAGACTCTCACAGCCATACT
GACTATCTTGCACTTCAGTCCAGAGGAGAAACAAGTGATAATGCGACTCCCAACCAGTGCCAGCTGGTGG
CCTTCTGGCAAGAGA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204339 protein sequence Red=Cloning site Green=Tags(s) MEKFGMNFGGGPSKKDLLETIETQKKQLLQYQARLKDVVRAYKSLLKEKEALEASIKVLSVSHEADVGLA GVQLPGLTFPDSVDDRCSTHSEDSTGTATSLDTAASLTSTKGEFGVEDDRPARGPPPPKSEEASWSESGV SSSSGDGPFAGGEVDKRLHQLKTQLATLTSSLATVTQEKSRMEASYLADKKMKQDLEDASNKAEEERAR LEGELKGLQEQIAETKARLITQQHDRAQEQSDHALMLRELQKLLQEERTQRQDLELRLEETREALGRAY AAEQMEGFELQTKQLTREVEELKSELQAIRDEKNQPDPRQLQELQEEAARLKSHFQAQLQQEMRKTALED QLRQQSQVEEQRVAALNQISEVSELLGTYEKAKQKQDLAIQKLKERILQLDLENKTLALAASSRSPDLS HGEESLDVNVLDKMEKLRLLQVAARKSQVTL DVEKLCDEIMPSSAADGEKATALYYQELKQLKE EFERYKMRAQVVLKSKNTKDGNLGKELEAAQEQLAELKEYISLRLSCEELEHQHQEADDWKQELARLQ QLHRQELERCQLDFRDTLKL EELHKQRDRALAVL TEKDLELEQLRSVALASGLPGRSPVGGGGPGDP ADTSSSDSLTQALQLAANEPTFFLYAEQLARKEVEITSLRKQKHRLEVEVHQLQDRLL EGERHREEVA ALQSHIEKNIRDQSREGANLEYLKNIIYRFLTLPDSLGRQQTLTAILTILHFSPEEKQVIMRLPTSASWW PSGKR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_024523
ORF Size:	2325 bp
Buffer:	PBS with 0.001% Pluronic F5559
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_024523.5
RefSeq Size:	4152 bp
RefSeq ORF:	2328 bp
Locus ID:	79571
UniProt ID:	Q96CN9
Cytogenetics:	7q32.1
MW:	87.8 kDa