

Product datasheet for **MR219015A1V**

Mouse Gcfc2 (NM_177884) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gcfc2 (NM_177884) AAV Particle
Tag:	Myc-DDK
Symbol:	Gcfc2
Synonyms:	A130099G21; AW146020; GCF2; Tcf9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR219015 representing NM_177884
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTCTCAGGCCCCAGAGGACTTTCAGGCGGCCAGGTTCGAGTCCAGCGATAGCGATAGCGATAGCG
 ACGGCGCGAAGGAGCAGAGTGCAGGAGGCCGGCGTCTGCCGGCGGCCGAACAGAGGGAGCGGAGCGGCC
 GCGCGGGGCCCCAGCGCCCGGGCCGAGGTCTGGGCGAGTTCGCCGCGAGCCCGGGAGCTGCT
 CCCCAGGGGAGCGGCGGAGCAGAATGCAGAACAGCTGAGCTCTCAACGGATGAAGAGGAAGAACACATA
 CCTTGACAGGAAGTAAGGGTGATCGGAGTCCGCTCTGATAGCTCTTGCTCTCTGGAAGAAAGAGACGT
 TTCACCCATAGTTGAGATCCCCGATGCAGCTTTTATTCAGGCAGCCCGCAGAAAACGGGAGTTGGCCAGG
 ACCCCAGGGGACTACATTTTCATTGGATGTAACCACTCCTGCTCCACTTCTGACTGTAAGAGAAGCAATG
 AAGAGGACCCAGAGAGCGATCCTGATGACCACGAAAAGAGAATACTGTTTACCCCAAAGCCTCAAACACT
 CCGGCAAGAATGGCTGAAGAAACGTCAATCAGGAGTGAGGAATCAAGTGAAGAGAGTCAGGAAGATGAA
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 TTTCCACAGCAGTAAGTCTCAAACCTGAAGAAGTTTGATACTTCCATTTTCATTCCACCGGTAATTT
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 ACCATGCTCAAACTACAGATTCTACAGGGGATGAAAAGTTATGTGGAAAATATAATTGATTGTCTAAA
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 CTTTGAACGCAGGCAAGATGAATTAATGCGAATCATCATATTTGCAGCAGTTATCACGCAAAAGATG
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 GAGGATGCAGAGAAGACAGGCCAGGGAGCTCTCGGGCAGCTGTGACCATCAGGAAGGGATGTCTAGTGAT
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 AAGTTTTGAAGATGTGCATGATGATTTTTGTAACTCCAGAATATTTTATTGAAATTTACGAGTGGCG
 AGAAAAGTTTCTGATTCCTACTATGAAGCCTTCGTTGGTTTCTGCTTACCAAAGCTTTAAGTCCCCTG
 ATACGAGTTCAGTTGCTTGAATCCTCTTAAGATGGACTCCATAGGTCTAGACAAGATGCCCTGGT
 TCACAGCTATAACAGAGTTTATGGAGAGCAGCATGGACGATATAGGGAAGGAAGATGGTTCTGATAAAAA
 AATCTTGGCTGCTGTCATCAACAAAACAGTTGTTCTCGACTTACAGATTTTGTAGAGACCATTTGGGAT
 CCCCTGTCAACCTCACAGACAAGAAGTTTAACAGTGCAGTGCAGAGTGGCTTTTGAACAGTTCGCTTCTG
 AAAATGAAGTTAGTAAAAATAAACAGGATTTACTTAAATCTATTGTTGCAAGAATGAAGAAGTCAATAGA
 AGATGATATTTTTATTCTCTATACCCAAAGAGCTCTGAAGAAGGAAAAATGTCACCACACTCCAAGTTC
 CAAGAAAGACAGTTCTGGGGAGCTCTAAAGCTCTTCCGAAATATTCTTCTTTGGAATGGCCTTCTCCAG
 ATGACACCTTGAAGATCTGGGACTGGGAAGCTGCTGAATCGCTACCTTATCATCTCTTACTAATGC
 CGTCCCTGGACAGATGTGGTTAAAAAGTGCAGCCAGATAGCAGCATGTCTACCAGAAAGATGGTTTGAG
 AACTCTGCTATGAGGACATCAATTCCCCAGTAGAAAACTTCATTAAGTTTTTGTGAGTCTGCACAGA
 AATTATCTCAAGTGAATTCAGGAATGAAGTCAGTGAATAATTCTTATCCTGGTGAAGGTAAAAGCTCT
 GACTCAAGCCGAATCCCTCAGAGAAGAGCGTCCCCTGGAGCCCCTCCAGCCCAGAGTACAGGTGTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR219015 representing NM_177884 Red=Cloning site Green=Tags(s) MALRPQRTFRRRQVESSDSDSDSDGAKEQSAEEPASAGGRTEGAERPRGARSARGRGRVWASSRRSPGAA PRGDGGAECRTAELSTDEEEGHTLTGSKGDRSPSSDSSCSLEERDVSPIVEIPDAAFIQAARRKRELAR TPGDYISLDVNHSCSTSDCKRSNEEDPESDPDDHEKRILFTPQPQLRQMAEETSIRSEESSEESQEDE NQDIWEQQQMRKAVRIPAGQNTDLSHSSKSQTLKKFDTSISFPPVNLEIIKKQLNNRLTLLQESHRSHQR EYEKYEQDIKSSKTAIQNLESASDHAQNYRFYRGMKSYVENIIDCLNEKIVSIVELESSMYTLLLRSEA LLKRRQDELKCESSYLQQLSRKDETSANGSLAVDEKQRILEEIEARRMQRRQARELSGSCDHQEGMSSD DELSPAEMTNFHKCQGDILQDCKKVFEDVHDDFCNVQNILLKFQQWREKFPDSYVEAFVGFCLPKLLSPL IRVQLLDWNPLKMDSIGLDKMPWFTAITEFMESSMDDIGKEDGSDKKILAAVINKTVVPRLTDFVETIWD PLSTSQTRSLTVHCRVAFEQFASENEVSKNKQDLLKSIVARMKKSIEDDIFIPLYPKSSEEGKMSPHSKF QERQFWGALKLFRNILLWNGLLPDDTLQDLGLGKLLNRYLIISLTNAVPGPDVVKKCSQIAACLPERWFE NSAMRTSIPQLENFIKFLQLSAQKLSSEFRNEVSEIILILVKVKALTQAESLREERPLEPLPAQSTGV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_177884
ORF Size:	2307 bp
Buffer:	PBS with 0.001% Pluronic F2905
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_177884.3, NP_808552.2</u>
RefSeq Size:	3375 bp
RefSeq ORF:	2310 bp
Locus ID:	330361
UniProt ID:	<u>Q8BKT3</u>
Cytogenetics:	6 C3
MW:	87.4 kDa