

Product datasheet for **MR209658A1V**

Mouse Gclc (NM_010295) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Gclc (NM_010295) AAV Particle
Tag:	Myc-DDK
Symbol:	Gclc
Synonyms:	D9Wsu168e; Ggcs-hs; GLCL-H; Gclc
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR209658 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGGCTGCTGTCCCAAGGCTCGCCACTGAGCTGGGAAGAGACCCAGCGCCACGCCGACCAGCTGCGGA
 GGCACGGCATCCTCCAGTTCCTGCAGATCTACCACGCAGTCAAGGACCGGCACAAGGACGTGCTCAAGTG
 GGGTGACGAGGTGGAGTACATGTTGGTGTCTTCGATCATGAAAATAGGAAAGTCCAGTTGTTACTGAAT
 GGAGGCGATGTTCTTGAGACTCTGCAGGAGAAGGGGAGAGGACAAACCCCAACCATCCGACCCTCTGGA
 GACCAGAGTATGGGAGTTACATGATCGAAGGAACGCCTGGCCAGCCCTACGGAGGAACGATGTCTGAGTT
 CAACACTGTGGAGGCCAATATGAGGAAACGCCGAAGGAGGCTACTTCTGTACTAGGAGAGCATCAGGCT
 CTCTGCACCATCACTTCATTCCCAGACTAGGCTGTCTGGATTCACTGCCAGAACACAGACCCAACC
 CAGAGGAAGGAGGCGCATCAAAGTCCCTCTTCTTCCAGATGAAGCCATAAACAAGCACCCCCGCTTCGG
 TACTCTAACAAGAAACATCCGGCATCGGAGAGGAGAAAAGTTGTCATCAATGTGCCAATATTCAAGGAC
 AAGAATACACCATCTCCATTTGTAGAAACATTTCCAGAAGATGCGGAGGCATCAAAGGCTTCTCAGCCAG
 ACCATATCTACATGGATGCCATGGGATTCGGGATGGGCAACTGCTGTCTCCAGGTGACATTCCAAGCCTG
 CAGCATATCTGAGGCAAGATACCTTTATGATCAGCTGGCCACTATCTGCCAATTGTTATGGCTTTGAGT
 GCTGCATCTCCATTTTACCGAGGCTACGTGTGACAGATTGATTGTGCTGGGGAGTGATTCTGCCTCTG
 TAGATGATAGAACACGGGAGGAGAGAGGCGCTGGAGCCTCTGAAGAACAATCGCTTTAGGATCAGTAAGTC
 TCGGTATGACTCAATAGATAGCTACCTGTCTAAGTGTGGGGAGAAGTACAATGACATCGACCTGACCATC
 GATAAGGAGATCTACGAGCAGCTCCTGGAGGAAGGCATCGATCATCTTCTGGCACAGCACGTTGCTCATC
 TCTTTATTAGAGACCCACTCACCTTTTTGAAGAGAAAATACACCTGGATGATGCCAACGAGTCTGACCA
 TTTTGAGAAATATTCAGTCTACAACTGGCAGACAATGAGGTTTAAGCCTCCTCCTCCAAACTCAGATATT
 GGATGGAGAGTAGAGTTCGACCAATGGAGGTGCAGTTAACAGACTTTGAGAACTCTGCCTATGTGGTAT
 TCGTGGTACTGCTCACTAGGGTGATCCTCTCATACAACTAGACTTCCTCATTCCGCTGTCCAAGGTTGA
 CGAGAACATGAAAGTGGCCAGAGCGAGATGCTGTCTTGACGGGGATGTTTTATTTAGGAAAGACATC
 TGCAAAGGCGGCAACGCTGTGGTGGACGGGTGCAGCAAGGCCAGAGCAGCTCTGAGCCAGCTGCAGAGG
 AGTACACCCTGATGAGCATAGACACCATCATCAATGGGAAGGAAGGGTATTTCTGGACTCATCCCCAT
 TCTGAATCCTATCTGGAGAACATGGAAGTTGATGTGGACACCCGATGCAGTATTCTGAATACCTAAAG
 CTAATTAAGAAGAGAGCATCTGGAGAACTAATGACTGTTGCCAGGTGGATGAGAGAGTTCAATGCAAACC
 ATCCTGACTACAAGCAAGACAGTGTAATAACTGATGAAATCAACTATAGCCTCATTTGGAAGTGCAACCA
 AATTGCAGATGAGCTGTGTGAATGTCCAGAGTTACTTGGATCAGGATTTAGAAAAGCGAAGTACAGTGGA
 GGTAAGCGACCCCTTCAGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR209658 protein sequence Red=Cloning site Green=Tags(s) MGLLSQGSPLSWEETQRHADHVRHIGILQFLQIYHAVKDRHKDVLKWGDEVEYMLVSFDHENRKVQLLLN GGDVLETLQEKGERTNPNHPTLWRPEYGSYMIETPGQPYGGTMSEFNTVEANMRKRRKEATSVLGEHQA LCTITSFPRLGCPGFTLPEHRPNPEEGGASKSLFFPDEAINKHPRFGTLTRNIRHRRGEKVVINVPFKD KNTPSPFVETFPEDAASKASQPDHIYMDAMGFGMNCCLQVTFQACSISEARYLYDQLATICPIVMALS AASPFYRGYVSDIDCRWGVISASVDDRTREERGLEPLKNNRFRISKSRYDSIDSYLSKCGEKYNDIDLTI DKEIYEQLLEEGIDHLLAQHVAHLFIRDPLTLFEEKIHLDDANESDHFENIQSTNWQTMRFKPPPPNSDI GWRVEFRPMEVQLTDFENSAYVVFVLLTRVILSYKLDLFIPLSKVDENMKVAQKRDAVLQGMFYFRKDI CKGGNAVVDGCSKAQSSSEPAEEYTLMSIDTIINGKEGVFPLIPILNSYLENMEVDVDTRCSILNYLK LIKKRASGELMTVARWMREFIANHPDYKQDSVITDEINYSLIWKCNIADDELCEPELLGSGFRKAKYSG GKSDPSA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_010295
ORF Size:	1911 bp
Buffer:	PBS with 0.001% Pluronic F760
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_010295.1, NP_034425.1</u>
RefSeq Size:	3442 bp
RefSeq ORF:	1914 bp
Locus ID:	14629
UniProt ID:	<u>P97494</u>
Cytogenetics:	9 43.36 cM
MW:	72.6 kDa