

Product datasheet for **RC207915A1V**

Human GCLC (NM_001498) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GCLC (NM_001498) AAV Particle
Tag:	Myc-DDK
Symbol:	GCLC
Synonyms:	GCL; GCS; GLCL; GLCLC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207915 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGGGCTGCTGTCCAGGGCTCGCCGCTGAGCTGGGAGGAAACCAAGCGCCATGCCGACCAGTGC
GGCACGGGATCCTCCAGTTCCTGCACATCTACCACGCCGTCAAGGACCGGCACAAGGACGTTCTCAAGTG
GGGCGATGAGGTGGAATACATGTTGGTATCTTTTGATCATGAAAAATAAAAAAGTCCGTTGGTCTGTCT
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GACCAGAGTATGGGAGTTACATGATTGAAGGGACACCAGGACAGCCCTACGGAGGAACAATGTCCGAGTT
CAATACAGTTGAGGCCAACATGCGAAAACGCCGAAGGAGGCTACTTCTATATTAGAAGAAAATCAGGCT
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CAGTGAAGGAGGAGCTTCAAGTCCCTCTTCTTCCAGATGAAGCAATAACAAGCACCCCTCGCTTCAG
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CAGTATATCTGAGGCCAGATACCTTTATGATCAGTTGGCTACTATCTGTCCAATTGTTATGGCTTTGAGT
GCTGCATCTCCCTTTTACCGAGGCTATGTGTCAGACATTGATTGTGCTGGGAGTGATTCTGCATCTG
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CCGATATGACTCAATAGACAGCTATTTATCTAAGTGTGGTGAGAAATATAATGACATCGACTTGACGATA
GATAAAGAGATCTACGAACAGCTGTTGCAGGAAGGCATTGATCATCTCCTGGCCAGCATGTTGCTCATC
TCTTTATTAGAGACCCACTGACACTGTTTGAAGAGAAAATACACCTGGATGCTAATGAGTCTGACCA
TTTTGAGAAATATTCAGTCCACAAATTGGCAGACAATGAGATTTAAGCCCCCTCCTCCAAACTCAGACATT
GGATGGAGAGTAGAATTTGACCCATGGAGGTGCAATTAACAGACTTTGAGAACTCTGCCTATGTGGTGT
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TGAGAACATGAAGGTAGCACAGAAAAGAGATGCTGTCTTGCAAGGGAATGTTTTATTTAGGAAAGATATT
TGCAAAGGTGGCAATGCAGTGGTGGATGGTGTGGCAAGGCCAGAACAGCACGGAGCTCGCTGCAGAGG
AGTACACCCTCATGAGCATAGACACCATCATCAATGGGAAGGAAGGTGTGTTTCTGGACTGATCCCAAT
TCTGAACCTTTACCTTGAACATGGAAGTGGATGTGGACACCAGATGTAGTATTCTGAACACCTAAAG
CTAATTAAGAAGAGAGCATCTGGAGAACTAATGACAGTTGCCAGATGGATGAGGGAGTTTATCGCAAACC
ATCCTGACTACAAGCAAGACAGTGTATAACTGATGAAATGAATTATAGCCTTATTTGAAGTGAACCA
AATTGCAAATGAATTATGTGAATGCCAGAGTTACTTGGATCAGCATTTAGGAAAGTAAATATAGTGGA
AGTAAACTGACTCATCCAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207915 protein sequence Red=Cloning site Green=Tags(s) MGLLSQGSPLSWEETKRHADHVRHIGILQFLHIYHAVKDRHKDVLKWGDEVEYMLVSFDHENKKVRLVLS GEKVLETLQEGERTNPNHPTLWRPEYGSYMIETPGQPYGGTMSEFNTVEANMRKRRKEATSILEENQA LCTITSFRLGCPGFTLPEVKPNPVEGGASKSLFFPDEAINKHPRFSTLTRNIRHRRGEKVVINVPFKD KNTPSPFIETFTEDDEASRASKPDHIYMDAMGFGMNCCLQVTFQACSISEARYLYDQLATICPIVMALS AASPFYRGYVSDIDCRWGVISASVDDRTREERGLEPLKNNNYRISKSRYSIDSYLSKCGEKYNDIDLTI DKEIYEQLLQEGIDHLLAQHVAHLFIRDPLTLFEEKIHLDDANESDHFENIQSTNWQTMRFKPPPPNSDI GWRVEFRPMEVQLTDFENSAYVVFVLLTRVILSYKLDLFIPLSKVDENMKVAQKRDAVLQGMFYFRKDI CKGGNAVVDGCGKAQNSTELAAEETLMSIDTIINGKEGVFPLIPILNSYLENMEVDVDRCSILNYLK LIKKRASGELMTVARWMREFIANHPDYKQDSVITDEMNYSLILKCNQIANELCEPELLGSAFRKVKYSYSG SKTDSSN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001498
ORF Size:	1911 bp
Buffer:	PBS with 0.001% Pluronic F6157
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_001498.2</u>
RefSeq Size:	3823 bp
RefSeq ORF:	1914 bp
Locus ID:	2729
UniProt ID:	<u>P48506</u>
Cytogenetics:	6p12.1
MW:	72.8 kDa