

Product datasheet for **RC200928A1V**

Human **GMCL1 (NM_178439)** AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	GMCL1
Synonyms:	BTBD13; GCL; GCL1; SPATA29
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200928 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGGATCGTTGAGCAGCCGGGTGCTGCGCCAGCCAAGACCAGCCCTTGCCAGCAGGCGCAGGGTGCCA
 GGGCGGGGGCTCGGCCCGGAGGCCGACACTGGAGACGATGCGGCGGGCCACGGATTCTGTACTGTGC
 GGGCAGCCACAAGCGCAAGCGGAGCAGCGGCTCCTTCTGCTACTGTACACCTGACTCGGAGACGGACGAG
 GATGAGGAGGAGGGGACGAGCAGCAGCGGCTCCTCAACACCCCTCGAAGGAAAAAATTAAAGAGTACAT
 CTAATATATTTATCAACATTATTTTTGAATGGTGAACAGTGACATTAAGATTTGTGCTCTAGGAGA
 AGAATGGAGCTTACACAAAATATATTTATGTCAATCTGGCTACTTTTCTAGTATGTTCAAGTGGTTCTTG
 AAAGAATCCAGCATGAATATTATTGAAGTGGAGATTCTGACCAGAACATTGATGTAGAAGCACTGCAGG
 TTGCATTTGGTTCACTGTATCGAGATGATGCTTGATAAAGCCAGTCGAGTTGTTGCCATTTTGGCAGC
 AGCTTTGTTGCTGCAGTTGGACGGTTAATACAGCAGTGTGGTGAACAATGAAGGAAACAGTTAATGTG
 AAAACTGTATGTGGCTATTACACATCAGCAGGGACCTATGGATTAGATTCTGTAAGAAAAAAGTGCCTTG
 AATGGCTTCTAAACAATTTGATGACTCACCAGAATGTTGAACCTTTTAAAGAACTCAGTATAAATGTCAT
 GAAACAGCTCATTGGTTCATCTAATCTATTTGTGATGCAAGTGGAGATGGATATATACACTGCTCTAAAA
 AAGTGGATGTTCTTCACTTGTGCTTCTTGAATGGATCTTTAAACAGCTTTTGACAGAAACAGATG
 TCTGGTTTTCTAAACAGAGGAAAGATTTTGAAGGTATGGCCTTTCTTGAACCTGAACAAGGAAACCATT
 TGTGTCAATTTCAGACATTTAAGGTTACAATATATTATCAGTGATCTGGCTTCTGCAAGAATTATTGAA
 CAAGATGCTGTAGTACCTTCAAGATGGCTCTTCTGTGTATAAACAGCAGTGGTTTGTATGCTGCGGG
 CAGAACAGGACAGTGAGGTGGGCTCAAGAAATCAATAAAGAAGAACTAGAGGAAACAGCATGAGGTG
 TGGTAGAAAGCTTGCCAAAGATGGTGAATCTGCTGGCGTTGGACAGGTTTTAACTTCGGCTTCGACCTA
 CTTGTAACCTACACCAATCGATACATCATTTTCAAACGCAATACACTGAATCAGCCATGTAGCGGATCTG
 TCAGTTTACAGCCTCGAAGGAGCATAGCATTTAGATTACGTTTGGCTTCTTTGATAGTAGTGAAAACT
 AATATGTAGTAGAACAACTGGCTATCAAACTTACACTTGAAGGATCAGGAACAAGTGGTATGAAC
 TTGGACAGCAGGCTTCTGATCTTCCCTTTATATATCTGCTGTAACCTTCTGTATATATCACCAGAAAAA
 AGAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200928 protein sequence
 Red=Cloning site Green=Tags(s)

MGSLSSRVLRQPRPALAQQAQGARAGGSARRPDTGDDAAGHGFCYCAGSHKRKRSSGSFCYCHPDSETDE
 DEEEGDEQRLNTPRRKLLKSTSKYIYQTLFLNGENSDIKICALGEEWSLHKIYLCQSGYFSSMFSGSW
 KESSMNIIELEIPDQNIIDVEALQVAFGSLYRDDVLIKPSRVVAILAAACLLQLDGLIQCGETMKETVNV
 KVMFLQLVPSWNGSLKQLLTETDVWFSKQKDFEGMAFLETEQGKPFVSVFRHLRLQYIISDLASARIIE
 QDAVVPSEWLSVYKQWFAMLRAEQDSEVGPQEINKEELEGNSMRCGRKLAKDGEYCWRWTGFNFGFDL
 LVTYTNRYIIFKRNTLNQPCSGSVSLQPRRSIAFRLRLASFSSGKLICSRTTGYQILTLEKDQEQVVMN
 LDSRLLIPLYICCNFLYISPEKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_178439
ORF Size: 1545 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:	NM_178439.3
RefSeq Size:	2402 bp
RefSeq ORF:	1548 bp
Locus ID:	64395
UniProt ID:	Q96IK5
Cytogenetics:	2p13.3
MW:	58.7 kDa