

Product datasheet for **RC206595A1V**

Human GCAP1 (GUCA1A) (NM_000409) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human GCAP1 (GUCA1A) (NM_000409) AAV Particle
Tag: Myc-DDK
Symbol: GCAP1
Synonyms: GUCA1A; GUCA1ANB-GUCA1A
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC206595 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCAACGTGATGGAGGAAAGTCAGTGGAGGAGCTGAGCAGCACCGAGTGCCACCAAGTGGTACAAGA
 AGTTTCATGACTGAGTGCCCTCTGGCCAACTCACCTCTATGAGTTCGCCAGTTCTTCGGCCTCAAGAA
 CCTGAGCCCGTCGGCCAGCCAGTACGTGGAACAGATGTTTGAGACTTTTACTTCAACAAGGACGGCTAC
 ATTGATTTTCATGGAGTACGTGGCAGCGCTCAGCTTGGTCCTCAAGGGAAAGGTGGAACAGAAGCTCCGCT
 GGTACTCAAGCTCTATGATGTAGATGGCAACGGCTGCATTGACCGCATGAGCTGCTCACCATCATCCA
 GGCCATTTCGCGCCATTAACCCCTGCAGCGATACCACCATGACTGCAGAGGAGTTACCGATACAGTGTTT
 TCCAAGATTGACGTCAACGGGGATGGGAACTCTCCCTGGAAGAGTTTATAGAGGGCGTCCAGAAGGACC
 AGATGCTCCTGGACACTGACACGAAGCCTGGACCTTACCCGCATCGTGCAGGCTCCAGAATGGCGA
 GCAAGACGAGGAGGGGGCTGACGAGGCCGCTGAGGCAGCCGGC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC206595 protein sequence
 Red=Cloning site Green=Tags(s)

MGNVMEGKSVEELSSTECHQWYKFMTECPGQLTLYEFRQFFGLKNLSPSASQYVEQMFETDFNKGDY
 IDFMEYVAALSLVLKKGVEQKLRYFKLYDVGNGCIDRDELLTIIQAIRAINPCSDTTMTAEFTDTVF
 SKIDVNGDGELSLEEFIEGVQKQMLLDLTLTRSLDLTRIVRRLQNGEQDEEGAEEAAEAG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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Serotype:	AAV-2
ACCN:	NM_000409
ORF Size:	603 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:	<u>NM_000409.2</u>
RefSeq Size:	1918 bp
RefSeq ORF:	606 bp
Locus ID:	2978
UniProt ID:	<u>P43080</u>
Cytogenetics:	6p21.1
MW:	22.9 kDa