

Product datasheet for **RC200497A1V**

Human Actin Regulatory Protein CAPG (CAPG) (NM_001747) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Actin Regulatory Protein CAPG (CAPG) (NM_001747) AAV Particle
Tag:	Myc-DDK
Symbol:	Actin Regulatory Protein CAPG
Synonyms:	AFCP; HEL-S-66; MCP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC200497 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTACACAGCCATTCCCAGAGTGGCTCTCCATTCCCAGGCTCAGTGCAGGATCCAGGCCTGCATGTGT
GGCGGGTGGAGAAGCTGAAGCCGGTGCCTGTGGCGCAAGAGAACCAGGGCGTCTTCTCTCGGGGACTC
CTACCTAGTGTGCACAATGGCCAGAAGAGTTTCCCATCTGCACCTGTGGATAGGCCAGCAGTCATCC
CGGGATGAGCAGGGGGCCTGTGCCGTGCTGGCTGTGCACCTCAACACGCTGCTGGGAGAGCGGCCTGTGC
AGCACCGCAGGTGCAGGGCAATGAGTCTGACCTCTTCATGAGCTACTTCCCACGGGGCCTCAAGTACCA
GGAAGGTGGTGTGGAGTCAGCATTTTACAAGACCTCCACAGGAGCCCCAGCTGCCATCAAGAACTCTAC
CAGGTGAAGGGGAAGAAGAATCCGTGCCACCGAGCGGGCACTGAACTGGGACAGCTTCAACACTGGGG
ACTGCTTCATCCTGGACCTGGGCCAGAATCTTCGCCTGGTGTGGTGGAAAGTCCAACATCCTGGAACG
CAACAAGGCGAGGGACCTGGCCCTGGCCATCCGGGACAGTGAGCGACAGGGCAAGGCCAGGTGGAGATT
GTCAGTATGGGAGGAGCCTGCTGAGATGATCCAGGTCTGGGCCCCAAGCCTGCTCTGAAGGAGGGCA
ACCCTGAGGAAGACCTCACAGCTGACAAGGCAATGCCAGGCCCGCAGCTCTGTATAAGGTCTCTGATGC
CACTGGACAGATGAACCTGACCAAGGTGGCTGACTCCAGCCCCTTGCCCTTGAAGTCTGATATCTGAT
GACTGCTTTGTGCTGGACAACGGGCTCTGTGGCAAGATCTATCTGGAAGGGGCGAAAAGCGAATGAGA
AGGAGCGGCAGGCAGCCCTGCAGGTGGCCGAGGGCTTCATCTCGCGCATGCAGTACGCCCGAAGCACTCA
GGTGGAGATTCTGCCTCAGGGCCGTGAGAGTCCCATCTTCAAGCAATTTTCAAGGACTGGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC200497 protein sequence Red=Cloning site Green=Tags(s) MYTAIPQSGSPFPQSVQDPGLHVWRVEKLKVPVPAQENQGVFFSGDSYLVHNGPEEVSHLHLWIGQQSS RDEQGACAVLAVHLNTLLGERPVQHREVGNESDLFMSYFPRGLKYQEGGVESAFHKTSTGAPAAIKKLY QVKGKKNIRATERALNWDNFNTGDCFILDLGQNIFAWCGGKSNILERNKARDLALAIRDSERQGAQVEI VTDGEEPAEMIQVLGPKPALKEGNPEEDLTADKANAQAAALYKVSDATGQMNLTKVADSSPFALELLISD DCFVLDNGLCGKIYIWKGRKANERQAALQVAEGFISRMQYAPNTQVEILPQGRESPIFKQFFKDWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001747
ORF Size:	1044 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_001747.2
RefSeq Size:	1604 bp
RefSeq ORF:	1047 bp
Locus ID:	822
UniProt ID:	P40121
Cytogenetics:	2p11.2
MW:	38.5 kDa