

Product datasheet for **RC217414A1V**

Human ARHGAP25 (NM_014882) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ARHGAP25 (NM_014882) AAV Particle
Tag:	Myc-DDK
Symbol:	ARHGAP25
Synonyms:	HEL-S-308; KAIA0053
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217414 representing NM_014882
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGTCCTCGGTCACTCGGCCTGTCTGTTCCTCTCTATAGCTCGGTCAAGGAGTGTGATGACTGGCGAGC
 AGATGGCTGCCTTCCATCCATCGTCCACCCCAACCCGCTGGAGAGGCCCATCAAGATGGGCTGGCTGAA
 GAAGCAGAGGTCCATCGTGAAGAACTGGCAGCAGAGGTACTTTGTGCTGAGGGCGCAGCAGCTCTACTAC
 TACAAGGATGAAGAGGACACGAAGCCCCAGGGCTGCATGTATCTACCAGGATGTACAATCAAGGAGATCG
 CCACAAACCCAGAAGAAGCTGGGAAGTTGTCTTTGAAATCATTCCAGCCTCATGGGACCAGAATCGCAT
 GGGACAGGACTCCTATGTCTCATGGCCAGCTCTCAGGCGGAGATGGAGGAGTGGGTTAAATTCCTCAGG
 AGAGTTGCTGGCACACCCTGTGGAGCAGTGTGGCCAGCGCTTGGATGAGACTGTGGCCTATGAACAGA
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 TGCGGATGAGGCAAAGGCTCAGCAGGAGTTGATGAAGCAGCTCTCCATCCTTCTCGTGACAACTATAGT
 CTCCTGAGCTACATCTGCAGGTTCTACATGAAATACAGCTGAACTGTGCTGTTAAACAGATGAGTGTGG
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 TGATACAACCAGCCCCACCGACAGCAGCCGAGCGATGCGTTTCCGGAGGACAGCAGCAAAGTACCCAGG
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 CTCAGAGGCTAAGGCAGGGGAAGGGCACAGGAGAACGATGTCTCAAGACTTGCGCCAACCTTTCTGACTCC
 CAACGGACTTCCACCTACGATAACGTCCCTTCCCTGCCAGGGTCCCCTGGGGAGGAAGCCAGTGCATCT
 CTTCCAAGCCTGTGACTCCAAGGGAGATACTTTGCCAGTCCAACTCTGAACTGGGCCTGGAAAAAA
 GAACTCTGGAGAAGAGGAAATTGATTCTTTGCAGAGGACGGTCCAAGAGCTACGAAAGGAAATAGAAACA
 CAGAAGCAAATGTATGAGGAACAGATTAACAACTTGAGAAGGAAATATGACGTTTGGGCTAAAGTGG
 TGAGGCTCAATGAAGAACTGGAGAAGGAAAAGAAGTCTGCAGCCCTAGAGATCAGCCTCCGCAACAT
 GGAGCGCTCCCGGAGGATGTTGAGAAGAGGAACAAGGCTTGGAAGAAGAAGTCAAGGAATTTGTCAA
 TCCATGAAGGAACCAAGACCGAGGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217414 representing NM_014882 Red=Cloning site Green=Tags(s) MSLGQSACFLFSIARSRSVMTGEQMAAFHPSSTPNPLERPIKMGWLKKQRSIVKNWQQRVFLRAQQLYY YKDEEDTKPQGCMYLPGCTIKEIATNPPEEAGKFVFEIIPASWDQNRMGQDSYVLMASQAEMEEWVKFLR RVAGTPCGAVFGQRLDETVAYEQKFQPHLVPILVEKCAEFIEHGRNEEGIFRLPGQDNLVKQLRDAFDA GERPSFDRDSTDVHTVASLLKLYLRDLPEPVVPWSQYEGFLLCGQLTNADEAKAQELMKQLSILPRDNYS LLSYICRFLHEIQLNCAVNKMSVDNLATVIGVNLIRSKVEDPAVIMRGTPQIQRVMTMMIRDHEVLFPKS KDIPLSPPAQKNDPKKAPVARSSVGWDATEDLRISRTDSFSSMTSDSDTTSPTGQQPSDAFPEDSSKVP EKPGDWKMQSRKRTQTLNPKCFLTSAFQGANSSKMEIFKNEFWSPSSEAKAGEGHRRTMSQDLRQLSDS QRTSTYDNVPSLPGSPGEEASALSSQACDSKGDTLASPNSETGPGKNSGEEIDSLQRTVQELRKEIET QKQMYEEQIKNLEKENYDVWAKVVRLNEELEKEKKKSAALEISLRNMERSREDVEKRNKALEEEVKFVK SMKEPKTEATRPLEQKLISEEDLAANDILDYKDDDDKV* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014882
ORF Size:	1917 bp
Buffer:	PBS with 0.001% Pluronic F7684
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_014882.2
RefSeq Size:	2957 bp
RefSeq ORF:	1917 bp
Locus ID:	9938
UniProt ID:	P42331
Cytogenetics:	2p13.3
MW:	72.3 kDa