

Product datasheet for **RC224111A1V**

Human RGS3 (NM_021106) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RGS3 (NM_021106) AAV Particle
Tag:	Myc-DDK
Symbol:	RGS3
Synonyms:	C2PA; PDZ-RGS3; RGP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC224111 representing NM_021106
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGTTTGAGACGGAGGCAGATGAGAAGAGGGAGATGGCCTTGGAGGAAGGGAAGGGGCTGGTGCCGAGG
 ATTCCCCACCCAGCAAGGAGCCCTCTCCTGGCCAGGAGCTTCTCCAGGACAAGACCTTCCACCCAACAA
 GGACTCCCCTTCTGGGCAGGAACCCGCTCCAGCCAAGAACCCTGTCCAGCAAAGACTCAGTACCTCT
 GAAGGATCCCCTCCAGGCCAGATGCTCCGCCAGCAAGGATGTGCCACCATGCCAGGAACCCCTCCAG
 CCCAAGACCTCTACCTGCCAGGACCTACCTGCTGGTCAAGAACCCTGCCTCACCAGGACCTCTACT
 CACCAAAGACCTCCCTGCCATCCAGGAATCCCCACCCGGGACCTTCCACCTGTCAAGATCTGCCTCT
 AGCCAGGTCTCCCTGCCAGCAAGGCCCTTACTGAGGACCATGAGCTCCGGGGACCTACTAGCAGCTA
 CTGGGGACCCACCTGCGGCCCCAGGCCAGCCTTCGTGATCCCTGAGGTCCGGCTGGATAGCACCTACAG
 CCAGAAGGCAGGGGCAGAGCAGGGCTGCTCGGGAGATGAGGAGGATGCAGAAGAGGCCGAGGAGGTGGAG
 GAGGGGGAGGAAGGGGAGGAGGACGAGGATGAGGACACCGAGATGACAACTACGGAGAGCGCAGTGAGG
 CCAAGCGCAGCAGCATGATCGAGACGGGCCAGGGGGCTGAGGGTGGCCTCTCACTGCGTGTGCAGAACTC
 GCTGCGGCGCCGACGCACAGCGAGGGCAGCCTGCTGCAGGAGCCCCGAGGGCCCTGCTTTCCTCCGAC
 ACCACCTTGCACTGCTCAGACGGTGAGGGCGCCGCTCCACCTGGGGCATGCCTTCGCCAGCACCCCTCA
 AGAAAGAGCTGGGCGCAATGGTGGCTCCATGCACCACCTTTCCTCTTCTTACAGGACACAGGAAGAT
 GAGCGGGGCTGACACCGTTGGGGATGATGACGAAGCCTCCCGAAGAGAAAGAGCAAAACCTAGCCAAG
 GACATGAAGAACAAAGCTGGGGATCTTCAGACGGCGGAATGAGTCCCCTGGAGCCCTCCCGCGGGCAAGG
 CAGACAAAATGATGAAGTCATTCAAGCCACCTCAGAGGAAGCCCTCAAGTGGGGCGAGTCTTTGGAGAA
 GCTGCTGGTTCAAAATACGGGTAGCAGTGTTCGAAGCCTTCTTCGACTGAGTTCAGTGAGGAGAAT
 CTGGAGTTCTGGTTGGCTGTGAGGACTTCAAGAAGGTCAAGTACAGTCCAAGATGGCATCCAAGGCCA
 AGAAGATCTTTGCTGAATACATCGCGATCCAGGCATGCAAGGAGGTCAACCTGGACTCCTACACGCGGGA
 GCACACCAAGGACAACCTGCAGAGCGTCACGCGGGGCTGCTTCGACCTGGCACAGAAGCGCATCTTCGGG
 CTCATGGAAGGAGTCTGATCCCTCGCTTCTCCGTTCTGACCTCTACCTGGACCTATTAACCAGAAGA
 AGATGAGTCCCCGCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MFETEADKREMALEEGKPGAEDSPPSKEPSPGQELPPGQDLPPNKDSPSGQEPAPSQEPLSSKDSATS
 EGSPGPDAPPSKDVPPCQEPPPAQDLSPCQDLPAQGEPLPHQDPLLTKDLPAIQESPTRDLPPCQDLPP
 SQVSLPAKALTEDTMSSGDLLAATGDPPAAPRPAFVIPEVRLDSTYSQKAGAEQCGSGDEEDAEEAEVE
 EGEEGEDEDEDTSDNYGERSEAKRSSMIETGQGAEGGLSLRVQNSLRRRTHSEGSLLQEPRGPCFASD
 TTLHCSDEGAASTWGMPSSTLKKELGRNGGSMHLSLFFTGHRKMSGADTVGDDDEASRKRKSKNLAK
 DMKNKLGIFRRRNESPGAPPAGKADKMMKSFKPTSEEALKWGESLEKLLVHKYGLAVFQAFLRTEFSEEN
 LEFWLACEDFKVKYSQSKMASKAKKIFAEYIAIQACKEVNLDSTREHTKDNLQSVTRGCFDLAQKRIFG
 LMEKDSYPRFLRSDLYLDLINQKMSPL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_021106

ORF Size:

1557 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_021106.3, NP_066929.1</u>
RefSeq Size:	2914 bp
RefSeq ORF:	1559 bp
Locus ID:	5998
Cytogenetics:	9q32
MW:	56.4 kDa