

Product datasheet for **RC212133A1V**

Human RGS4 (NM_001102445) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RGS4 (NM_001102445) AAV Particle
Tag:	Myc-DDK
Symbol:	RGS4
Synonyms:	RGP4; SCZD9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC212133 representing NM_001102445 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGTATAATATGATGCTTCTAATCCAAAAGAGGAAAGGCATTGGGAGTCAGCTCCTAAGGGCTGGAGAGG
CAGAGGGAGACAGAGGAGCTGGTACTGCAGAGCGGTCGTCTGATTGGCTGGACGGTCGTAGCTGGGCTAT
AAAAGAGACCCCTACAGGCTTAGCAGGAAGACGCTCAGAGGATTCTGACAATATCTTTACCGGAGAAGAG
GCAAAGTACGCTCAAAGCCGAAGCCACAGCTCCTCTGCCGCAATTCCTTCTGCTTGCGAATTCGAAGC
TGTTAAATAAGATGTGCAAAGGGCTTGCAAGGCTGCGCGCTTCTTGCTTGAGGAGTGCAAAGATATGAA
ACATCGGCTAGGTTTCTGCTGCAAAAATCTGATTCTGTTGAACACAATTCCTCCACAACAAGAAGGAC
AAAGTGGTTATTTGCCAGAGAGTGAGCCAAGAGGAAGTCAAGAAATGGGCTGAATCACTGAAAAACCTGA
TTAGTCATGAATGTGGGCTGGCAGCTTTCAAAGCTTTCTTGAAGTCTGAATATAGTGAGGAGAATATTGA
CTTCTGGATCAGCTGTGAAGAGTACAAGAAAATCAAATCACCATCTAACTAAGTCCCAAGGCCAAAAAG
ATCTATAATGAATTCATCTCAGTCCAGGCAACCAAGAGGTGAACCTGGATTCTTGCAACAGGGAAGAGA
CAAGCCGAACATGCTAGAGCCTACAATAACCTGCTTTGATGAGGCCAGAGAAGATTTTCAACCTGAT
GGAGAAGGATTCTACCGCCGCTTCTCAAGTCTCGATTCTATCTTGATTGGTCAACCCGTCAGCTGT
GGGCAGAAAAGCAGAAAGGAGCAAGAGTTTCAGCAGACTGTGCTTCCCTGGTCCCTCAGTGTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC212133 representing NM_001102445 Red=Cloning site Green=Tags(s) MYNMMLLIQKRKGIGSQLLRAGEAEGDRGAGTAERSSDWLDGRSWAIKETPTGLAGRRSESDNIFTGEE AKYAQSRSHSSSCRISFLLANSKLLNMCKGLAGLPASCLRSKDMKHLGFLQKSDSCEHNSSHKKD KVVICQRVSQEEVKKWAESLENLISHECGLAAFKAFKSEYSEENIDFWISCEEYKKIKSPSKLSPKAKK IYNEFISVQATKEVNLDSTREETSRNMLEPTITCFDEAQKKIFNLMEKDSYRRFLKSRFYLDLVNPSSC GAEKQKGAKSSADCASLVPQCA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001102445
ORF Size:	906 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_001102445.1, NP_001095915.1</u>
RefSeq Size:	3215 bp
RefSeq ORF:	909 bp
Locus ID:	5999
UniProt ID:	<u>P49798</u>
Cytogenetics:	1q23.3
MW:	33.7 kDa