

Product datasheet for **RC204139A1V**

Human RGS14 (NM_006480) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RGS14 (NM_006480) AAV Particle
Tag:	Myc-DDK
Symbol:	RGS14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204139 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

 ATGCCAGGGAAGCCCAAGCACCTGGGCGTCCCCAACGGGCGCATGGTTCTGGCTGTGCAGATGGAGAGC
TGAGCAGCACGACGGGGCCCCAGGGCCAGGGCGAGGGCCGCGGCAGCTCTCTCAGCATCCACAGCCTCCC
CAGTGGTCCCAGCAGCCCTTCCCAACCGAGGAGCAGCCTGTGGCCAGCTGGGCCCTGTCTTCGAGCGG
CTGTTGCAGGACCCGCTGGGCTGGCTTACTTCACTGAGTTCTGAAGAAGGAGTTACGCGCGGAAAAACG
TGACTTCTTGAAGGCCTGCGAGCGCTTCCAGCAGATCCCGCCAGCGATACCCAGCAGCTAGCTCAGGA
GGCCCCGAACATCTACCAGGAGTTCTGTCCAGCCAGGCGCTGAGCCAGTGAACATCGACCGTCAGGCC
TGGCTTGGCGAGGAGGTGCTGGCCGAGCCCCGGCCGACATGTTTCGGGCACAGCAGCTTCAGATCTTCA
ACTTGATGAAGTTCGACAGCTATGCGCGCTTCGTCAAGTCCCCGCTGTACCGCGAGTGCCTGCTAGCCGA
AGCCGAGGGACGCCCTCTGCGGGAACCTGGCTCCTCGCGCTCGGCAGCCCTGACGCCACGAGGAAGAAG
CCGAAGCTGAAGCCCGGAAGTCGCTGCCGCTGGGTGTGGAGGAGTTGGGGCAGCTGCCACCCGTTGAGG
GTCTTGGGGGCCGCCCTCTCCGCAAGTCCTCCGCCGGGAGCTGGGCGGGACTGCAAACGCCGCTTGCG
CCGAGAGTCTCAGGGCTCCCTCAACTCCTCCGCCAGCCTGGACCTTGGCTTCTAGCCTTCGTACGACAGC
AAATCTGAGAGCCACCGAAGAGCCTTGGGAGCACGGAGGGTGAAGTGAAGCCGGCCAGGGAAGTACT
GCTGTGTGTACCTGCCGATGGCACAGCCTCCTTGGCCCTGGCCAGACCTGGCCTCACCATCCGAGACAT
GCTGGCAGGGATCTGTGAGAAACGAGGCCTCTCTACCTGACATCAAGGTCTACCTGGTGGCAATGAA
CAGGCCCTGGTCTGGATCAGGACTGCACCGTGTGGCGGATCAGGAAGTGGCGCTGAAAAACAGGATCA
CCTTCGAGCTGGAGCTGACGGCGCTGGAGCGCTGGTACGAATCTCAGCAAGCCACCAAGCGGCTGCA
GGAGGCCCTGCAGCCCATCTGAGAGAAGCACGGCTTGAGCCCGCTAGAGGTGGTGTGACCCGGCCAGGC
GAGAAACAGCCTCTGGATCTGGGAAGCTAGTGAGCTCGGTGGCGGCCAGAGACTGGTTTTGGACACTC
TTCCAGGTGTGAAGATCTCAAAGCCCGTGACAAATCTCCCTGCCGAGCCAGGGCTGCCACCTAGAAC
TCAGGATAAGGCCACCCATCCCCCTCCAGCGTCCCCAGTTCTCTGGTGAAGGTGCCAGTAGTGCCACT
GGAAAGCGGCAGACCTGTGACATCGAAGGCCTGGTGGAGCTGCTGAACCGGGTGCAGAGCAGCGGGGCC
ACGACCAGAGGGGCTTCTGAGGAAAGAGGACCTGGTACTTCCAGAATTTCTGCAGCTGCCCGCCCAAGG
GCCAGCTCCGAGGAGACCCACACAGACCAATCAGCAGCCAGCCCATCGGGGGATCCTTGAAGTCC
ACCACCGACTCAGCCCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC204139 protein sequence

Red=Cloning site Green=Tags(s)

 MPGKPKHLGVPNGRMVLAVSDGELSSTTGPQGQEGRGSSLSIHSLPSGPSSPFPTEEQPVASWALSFER
LLQDPLGLAYFTEFLKKEFSAENVTFWKACERFQQIPASDTQQLAQEARNIYQEFLLSSQALSPVNIDRQA
WLGEEVLAEPKPRDMFRAQQLQIFNLMKFDSYARFVKSPLYRECLLAEEGRPLREPSSRLGSPDTRKK
PKLKPGKSLPLGVEELGQLPPVEGPGGRPLRKSFRRELGGTANAALRRESQGSLSNSASLDLGLFAFVSS
KSESHRSLSGSTEGESRPGKYCCVYLPDGTASLALARPGLTIRDMLAGICEKRLSLPDIKVYLVGNE
QALVLDQDCTVLADQEVRLNRTIFELELTALERVVRISAKPTKRLQEALQPILEKHGLSPLEVVLHRPG
EKQPLDLGKLVSSVAAQRLVLDLPGVKISKARDKSPCRSQGCPPTQDKATHPPASPSSLVKVPSSAT
GKRQTCDEIGLVLLNRVQSSGAHDQRGLLRKEDLVLEPFLQLPAQGPSSEETPPQTKSAAQPIGGSLSN
TTDSAL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_006480
ORF Size:	1698 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_006480.4</u>
RefSeq Size:	2418 bp
RefSeq ORF:	1701 bp
Locus ID:	10636
UniProt ID:	<u>O43566</u>
Cytogenetics:	5q35.3
MW:	61.4 kDa