

## Product datasheet for **RC221996A1V**

### Human Repulsive Guidance Molecule A (RGMA) (NM\_020211) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human Repulsive Guidance Molecule A (RGMA) (NM_020211) AAV Particle
Tag:	Myc-DDK
Symbol:	Repulsive Guidance Molecule A
Synonyms:	RGM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC221996 representing NM\_020211  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGCAGCCGCCAAGGAGAGGCTAGTGGTAACAGGCCGAGCTGGATGGATGGGTATGGGGAGAGGGGCAG  
 GACGTTACGCCCTGGGATTCTGGCCGACCCTCGCCTTCCTTCTCTGCAGCTTCCCAGCAGCCACCTCCCC  
 GTGCAAGATCCTCAAGTGAACCTCTGAGTTCTGGAGCGCCACGTCGGGCAGCCACGCCCCAGCCTCAGAC  
 GACACCCCGAGTTCTGTGCAGCCTTGCAGCTACGCCCTGTGCACGCGGGGACGCCCGCACCTGCC  
 GGGGTGACCTGGCCTACCACTCGGCCGTCATGGCATAGAGGACCTCATGAGCCAGCACAACTGCTCAA  
 GGATGGCCCCACCTCGCAGCCACGCCTGCGCACGCTCCCACGGCCGGAGACAGCCAGGAGCGCTCGGAC  
 AGCCCCGAGATCTGCCATTACGAGAAGAGCTTTCACAAGCACTCGGCCACCCCAACTACACGCACTGTG  
 GCCTCTCGGGGACCCACACCTCAGGACTTTCACCGACCGCTTCCAGACCTGCAAGGTGCAGGGCGCCTG  
 GCCGCTCATCGACAATAATTACCTGAACGTGCAGGTACCAACACGCCTGTGCTGCCCGGCTCAGCGGCC  
 ACTGCCACCAGCAAGCTCACCATCATCTTCAAGAACTCCAGGAGTGTGTGGACCAGAAGGTGTACCAGG  
 CTGAGATGGACGAGCTCCCGGCCGCTTCGTGGATGGCTTAAGAACGGTGGGGACAAGCACGGGGCCAA  
 CAGCCTGAAGTCACTGAGAAGGTGTCAGGCCAGCACGTGGAGATCCAGGCCAAGTACATCGGCACCACC  
 ATCGTGGTGGCCAGGTGGGCCGCTACCTGACCTTTGCCGTCCGCATGCCAGAGGAAGTGGTCAATGCTG  
 TGGAGGACTGGGACAGCCAGGGTCTCTACCTCTGCCTGCGGGGCTGCCCCCTCAACCAGCAGATCGACTT  
 CCAGGCCTTCCACCAATGCTGAGGGCACCGGTGCCCGCAGGCTGGCAGCCGCCAGCCCTGCACCCACA  
 GCCCCGAGACCTTCCATACGAGACAGCCGTGGCCAAGTGAAGGAGAAGCTGCCGGTGGAGGACCTGT  
 ACTACAGGCCTGCGTCTTGCACCTCCTCACCAGGGCGACGTGAACCTCACACTGGCCCGCTACTACGC  
 GTTGGAGGATGTCAAGATGCTCCACTCCAACAAGACAAACTGCACCTGTATGAGAGGACTCGGGACCTG  
 CCAGGCAGGGCGGCTGCGGGGCTGCCCTGGCCCCCGGCCCTCCTGGGCGCCCTGGTCCCGCTCTGG  
 CCCTGCTCCCTGTGTTCTGCAGCGGACCG

AG**GCGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC221996 representing NM\_020211  
 Red=Cloning site Green=Tags(s)

MQPPRERLVVTGRAGWMGMGRGAGRSALGFWPTLAFLLCSFPAATSPCKILKCNSEFWSATSGSHAPASD  
 DTPEFCAALRSYALCRRRTARTCRGDLAYHSAVHGIEDLMSQHNSKDGPTSQPRLRTLPPAGDSQERSD  
 SPEICHYEKSFHKHSATPNYTHCGLFGDPHLRTFDRFQTKVQGAWPLIDNNYLNQVNTNPVLPGSAA  
 TATSKLTIIFKNFQECVDQKVYQAEMDELPAAFVDGSKNGGDKHGANSKITEKVSQGHVEIQAKYIGTT  
 IVVRQVGRYLTFAVRMPEEVVNAVEDWDSQGLYLCLRGCPNQQIDFQAFHTNAEGTGARRLAAASPAPT  
 APETFPPYETAVAKCKEKLPEVDLYYQACVFDLLTTGDVNFTLAAYYALEDVKMLHSNKDKLHLYERTRDL  
 PGRAAAGLPLAPRPLLGLVPLLALLPVFCSGP

**SGP**TRTRRLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_020211

**ORF Size:**

1359 bp

**Buffer:**

PBS with 0.001% Pluronic F68

<b>Stability:</b>	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.
<b>RefSeq:</b>	<u>NM_020211.1</u>
<b>RefSeq Size:</b>	3216 bp
<b>RefSeq ORF:</b>	1353 bp
<b>Locus ID:</b>	56963
<b>UniProt ID:</b>	<u>Q96B86</u>
<b>Cytogenetics:</b>	15q26.1
<b>MW:</b>	49.2 kDa