

Product datasheet for **RC209693A1V**

Human Repulsive Guidance Molecule B (RGMB) (NM_001012761) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Repulsive Guidance Molecule B (RGMB) (NM_001012761) AAV Particle
Tag:	Myc-DDK
Symbol:	Repulsive Guidance Molecule B
Synonyms:	DRAGON
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC209693 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGATAAGGAAGAAGAGGAAGCGAAGCGCGCCCCCGGCCATGCCGAGCCACGGGCCAGACCCGCCA
 CGGCGCCCGCGCCGCCCTCGCCGGAGCCACGAGACCTGCATGGACGGGCATGGGCTTGAGAGCAGC
 ACCTTCCAGCGCCGCGCTGCCGCCGCGAGGTTGAACAGCGCCGCGCCCGGGCTCTGCCCCCGCGG
 CTGGAGCTGCTGCTGCTGCTGTTACGCTCGGGCTGCTCCACGAGGTGACTGCCAACAGCCAGCCC
 AATGTCGAATCCAGAAATGCACCACGGACTTCGTGTCCTGACTTCTCACCTGAACTCTGCCGTTGACGG
 CTTTGACTCTGAGTTTTGCAAGGCCTTGCCTGCTATGCTGGTGCACCCAGCGAACTTCAAAGCCTGC
 CGTGGCAACCTGGTATACCATCTGCCGTGTTGGGTATCAGTGACCTCATGAGCCAGAGGAATTGTTCCA
 AGGATGGACCCACATCCTCTACCAACCCGAAGTGACCCATGATCCTTGAACATACACGCCACGCTGG
 AGCCAGGGAACACAGGAGAGGGGACCAGAACCCTCCAGTTACCTTTTTGTGGCTTGTGAGATCCT
 CACCTCAGAACTTTCAAGGATAACTTCCAAACATGCAAAGTAGAAGGGGCTGGCCACTCATAGATAATA
 ATTATCTTTCAAGTGACAAACGTACCTGTGGTCCCTGGATCCAGTGCTACTGCTACAAATAAGAT
 CACTATTATCTTCAAAGCCACCATGGGTGTACAGATCAGAAAGTCTACCAAGCTGTGACAGATGACCTG
 CCGGCCGCTTTGTGGATGGCACCACAGTGGTGGGACAGCGATGCCAAGAGCCTGCGTATCGTGGAAA
 GGGAGAGTGGCCACTATGTGGAGATGCACGCCGCTATATAGGGACCACAGTGTGTCGGCAGGTGGG
 TCGCTACCTGACCCTGCCATCCGTATGCTGAAGACCTGGCCATGTCTACGAGGAGAGCCAGGACCTG
 CAGCTGTGCGTGAACGGCTGCCCTGAGTGAACGCATCGATGACGGGACGGGCCAGGTGTCTGCCATCC
 TGGGACACAGCCTGCCTCGCACCTCCTTGGTGCAGGCCTGGCCTGGCTACACACTGGAGACTGCCAACAC
 TCAATGCCATGAGAAGATGCCAGTGAAGGACATCTATTTCCAGTCTGTGTCTTCGACCTGCTCACCACT
 GGTGATGCCAACTTTACTGCCGAGCCACAGTGCCTTGAGGATGTGGAGGCCCTGCACCCAAGGAAGG
 AACGCTGGCACATTTTCCCGAGCAGTGGAATGGGACTCCCCGTGGAGGAGTATTTGTCTGTGAGTCT
 AGGACTCACCTGCTTGATCCTTATCGTGTGTTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC209693 protein sequence
 Red=Cloning site Green=Tags(s)

MIRKKRKRSAAPGPCRSHGPRPATAPPPSPEPTRPAWTGMGLRAAPSSAAAAAAEVEQRRRPGLCPPP
 LELLLLLLFLGLLHAGDCQQAQCRIQKCTTDFVSLTSHLNSAVDGFDFSECKALRAYAGCTQRTSKAC
 RGNLVYHSAVLGISDLMSQRNCSKDGPTSSNPEVTHDPCNYHSHAGAREHRRGDQNPPSYLFCGLFGDP
 HLRTFKDNFQTKVEGAWPLIDNNYLSVQVTNVPVPGSSATATNKITIIIFKAHHGCTDQKVYQAVTDDL
 PAAFVDGTTSGGDSDAKSLRIVERESGHYVEMHARYIGTTVFVRQVGRYLTLAIRMPEDLAMSYEESQDL
 QLCVNGCPLSERIDDGQGVSAI LGHSLPRTSLVQAWPGYTLETANTQCHEKMPVKDIYFQSCVFDLLTT
 GDANFTAAHSALEDVEALHPRKERWHIFPSSGNGTPRGSDLSVSLGLTCLILIVFL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001012761

ORF Size:

1434 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_001012761.1</u>
RefSeq Size:	4601 bp
RefSeq ORF:	1437 bp
Locus ID:	285704
UniProt ID:	<u>Q6NW40</u>
Cytogenetics:	5q15
MW:	51.9 kDa