

Product datasheet for **RC220228A1V**

Human Repulsive Guidance Molecule C (HFE2) (NM_145277) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Repulsive Guidance Molecule C (HFE2) (NM_145277) AAV Particle
Tag:	Myc-DDK
Symbol:	Repulsive Guidance Molecule C
Synonyms:	HFE2; HFE2A; JH; RGMC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC220228 representing NM_145277 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGATCCAGCACAACTGCTCCCGCCAGGGCCCTACAGCCCTCCCCGCCCGGGGCCCCGCCCTTCCAG
GCGCGGGCTCCGGCCTCCCTGCCCGGACCCCTTGCTGACTATGAAGGCCGGTTTCCCGGCTGCATGGTCG
TCCCCCGGGTTCTTGCAATGCGCTTCCTTCGGGGACCCCATGTGCGCAGCTTCCACCATCACTTTAC
ACATGCCGTGTCCAAGGAGCTTGGCCTCTACTGGATAATGACTTCCTCTTTGTCCAAGCCACAGCTCCC
CCATGGCGTTGGGGCCAACGCTACCGCCACCCGGAAGCTCACCATCATATTTAAGAACATGCAGGAATG
CATTGATCAGAAGGTGTATCAGGCTGAGGTGGATAATCTTCTGTAGCCTTTGAAGATGGTTCTATCAAT
GGAGGTGACCGACCTGGGGGATCCAGTTTGTGATTCAAACCTGCTAACCTGGGAACCATGTGGAGATCC
AAGCTGCCTACATTGGCACAACTATAATCATTCCGACAGACAGCTGGGAGCTCTCCTTCTCCATCAAGGT
AGCAGAGGATGTGGCCATGGCCTTCTCAGCTGAACAGGACCTGCAGCTCTGTGTTGGGGGGTGCCTCCA
AGTCAGCGACTCTCTGATCAGAGCGCAATCGTCGGGGAGCTATAACCATTGATACTGCCAGACGGCTGT
GCAAGGAAGGGCTTCCAGTGAAGATGCTTACTCCATTCTGTCTTTGATGTTTTAATTTCTGGTGA
TCCCACTTTACCGTGGCAGCTCAGGCAGCACTGGAGGATGCCGAGCCTTCTGCCAGACTTAGAGAAG
CTGCATCTCTCCCTCAGATGCTGGGGTTCTCTTTCTCAGCAACCCTCTTAGCTCCACTCCTTCTG
GGCTCTTTGTTCTGTGGCTTTGCATTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC220228 representing NM_145277 Red=Cloning site Green=Tags(s) MIQHNC SRQGPTAPPPRGPALPGAGSGLPAPDPCDYEGRFSRLHGRPPGFLHCASF G DPHVRSFHHFHH TCRVQGA WPLLDNDFLFVQATSSPMALGANATATRKLT IIFKNMQECIDQKVYQAEVDNLPVAFEDGSIN GGDRPGGSSLSIQTANPGNHVEIQAA YIGTTIIIRQTAGQLSFSIKVAEDVAMAFSAEQDLQLCVGGCPP SQRLSRSENRNRGAITIDTARRLCKEGLPVEDAYFHSCVFDVLISGDPNFTVAAQAALEDARAFLPDLEK LHLFPSDAGVPLSSATLLAPLLSGLFVLWLCIQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_145277
ORF Size:	939 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_145277.3</u>
RefSeq Size:	1961 bp
RefSeq ORF:	942 bp
Locus ID:	148738
UniProt ID:	<u>Q6ZVN8</u>
Cytogenetics:	1q21.1
MW:	33.5 kDa