

Product datasheet for **RC201748A1V**

Human **MAGED2** (NM_014599) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MAGED2 (NM_014599) AAV Particle
Tag:	Myc-DDK
Symbol:	MAGED2
Synonyms:	11B6; BARTS5; BCG-1; BCG1; HCA10; MAGE-D2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC201748 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTGTACACAAGCGAGAGTGGTGCAGGTCTAACTCGCTTCCAGGCTGAAGCTTCAGAAAAGGACAGTA
 GCTCGATGATGCAGACTCTGTTGACAGTGACCCAGAATGTGGAGGTCCCAGAGACACCGAAGGCCTCAAA
 GGCAGTGGAGGTCTCAGAGGATGTGAAGGTCTCAAAAGCCTCTGGGGTCTCAAAGGCCACAGAGGTCTCA
 AAGACCCAGAGGCTCGGGAGGCACCTGCCACCCAGGCCTCATCTACTACTCAGCTGACTGATACCCAGG
 TTCTGGCAGCTGAAAACAAGAGTCTAGCAGCTGACACCAAGAAACAGAATGCTGACCCGACAGGCTGTGAC
 AATGCCTGCCACTGAGACCAAAAAGGTGAGCCATGTGGCTGATACAAAGGTCAATACAAAGGCTCAGGAG
 ACTGAGGCTGCACCTCTCAGGCCCCAGCAGATGAACCTGAGCCTGAGAGTGACGCTGCCAGTCTCAGG
 AGAATCAGGATACTCGGCCAAGGTCAAAGCCAAGAAAGCCGAAAGGTGAAGCATCTGGATGGGAAGA
 GGATGGCAGCAGTGATCAGAGTCAGGCTTCTGGAACACAGGTGGCCGAAGGCTCTCAAAGGCCCTAATG
 GCCTCAATGGCCCGCAGGGCTTCAAGGGGTCCCATAGCCTTTTGGGCCCGCAGGGCATCAAGGACTCGGT
 TGGCTGCTTGGGCCCGGAGAGCCTTGCTCTCCCTGAGATCACCTAAAGCCCGTAGGGGCAAGGCTCGCCG
 TAGAGCTGCCAAGCTCCAGTCATCCCAAGAGCCTGAAGCACCACCACCTCGGGATGTGGCCCTTTTGCAA
 GGGAGGGCAATGATTTGGTGAAGTACCTTTTGGCTAAAGACCAGACGAAGATTTCCATCAAGCGCTCGG
 ACATGCTGAAGGACATCATCAAGAATACACTGATGTGTACCCCGAAATCATTGAACGAGCAGGCTATTC
 CTTGGAGAAGGTATTTGGGATTCATTGAAGGAAATGATAAGAATGACCACTTGTACATTCTTCTCAGC
 ACCTTAGAGCCCACTGATGCAGGCATACTGGGAACGACTAAGGACTCACCAAGCTGGGTCTGCTCATGG
 TGCTTCTTAGCATCATCTTCATGAATGGAAATCGGTCCAGTGAGGCTGTCATCTGGGAGGTGCTGCGCAA
 GTTGGGGCTGCGCCCTGGGATACATCATTCACTCTTTGGGGACGTGAAGAAGCTCATCACTGATGAGTTT
 GTGAAGCAGAAGTACCTGGACTATGCCAGAGTCCCAATAGCAATCCCCCTGAATATGAGTTCTTCTGGG
 GCCTGCCTCTTACTATGAGACCAGCAAGATGAAAGTCCTCAAGTTTGCCTGCAAGGTACAAAAGAAGGA
 TCCCAAGGAATGGGCAGCTCAGTACCGAGAGGCGATGGAAGCGGATTTGAAGGCTGCAGCTGAGGCTGCA
 GCTGAAGCCAAGGCTAGGGCCGAGATTAGAGCTCGAATGGGCATTGGGCTCGGCTCGGAGAATGTCGCCG
 GGCCCTGCAACTGGGACGAAGCTGATATCGGACCCTGGGCCAAAGCCCGATCCAGGCGGGAGCAGAAGC
 TAAAGCCAAGCCCAAGAGAGTGGCAGTGCCAGCACTGGTGCCAGTACCAAGTACCAATAACAGTGCCAGT
 GCCAGTGCCAGCACCAGTGGTGGCTTCAGTGCTGGTGCCAGCCTGACCGCCACTCTCACATTTGGGCTCT
 TCGCTGGCCTTGGTGGAGCTGGTGCCAGCACCAGTGGCAGCTCTGGTGCCTGTGGTTTCTCTACAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201748 protein sequence
 Red=Cloning site Green=Tags(s)

MSDTSSEAGLTRFQAEASEKDSMMQTLTQNVETPKASKALEVSEDEVKVSASGVSKATEVS
 KTPEAREAPATQASSTTQLTDTQVLAENKSLAADTKKQADPQAVTMPATETKKVSHVADTKVNTKAQE
 TEAAPSQAPADEPEPESAAAQSQENQDTRPKVKAKKARKVKHLDGEEDGSSDQSQASGTTGRRVSKALM
 ASMARRASRGPIAFWARRASRTRLAAWARRALLSLRSPKARRGKARRRAAKLQSSQEPEAPPRDVALLQ
 GRANDLVKYLAKDQTKIPIKRSMDLKDIIKEYTDVYPEIIERAGYSLEKVFQIQLKEIDKNDHLYILLS
 TLEPTDAGILGTTKDSPLKLLMVLLSIIFMNGNRSSEAVIWEVLRKLGRLPGIHHSLFGDVKKLITDEF
 VKQKYLDYARVPNSNPPEYEFFWGLRSYETSKMKVLKFACKVQKDPKEWAAQYREAMEADLKAEEAA
 AEAKARAEIRARMGIGLSENAAGPCNWDEADIGPWAKARIQAGAEAKAKAQESGSASTGASTSTNNSAS
 ASASTSGFSAGASLTATLTFGLFAGLGAGASTSGSSGACGSYK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_014599
ORF Size:	1818 bp
Buffer:	PBS with 0.001% Pluronic F5227
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_014599.4</u>
RefSeq Size:	2108 bp
RefSeq ORF:	1821 bp
Locus ID:	10916
UniProt ID:	<u>Q9UNF1</u>
Cytogenetics:	Xp11.21
MW:	65 kDa