

Product datasheet for **MR222689A1V**

Mouse Grb10 (NM_010345) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Grb10 (NM_010345) AAV Particle
Tag:	Myc-DDK
Symbol:	Grb10
Synonyms:	5730571D09Rik; AI325020; Meg1; mKIAA0207
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR222689 representing NM_010345
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAACAACGATATTAACCTCGTCCGTGAAAGCCTTAACCTCAGCTTGCAACATGCAGTCTGATACTGATA
 CTGCACCACTTCTTGAGGATGGCCAGCATGCCAGCAACCAGGGAGCAGCATCTAGCTCCCGGGGACAGCC
 ACAGGCGTCCCGAGGCAGAAAATGCAACGCTCGCAGCCTGTGCACATTCTCAGGCGCCTTCAGGAGGAA
 GACCAGCAGTTAAGAACTGCATCTCTCCGCCATCCCCAACCCATTTCCGGAGCTCACTGGTGCAGGCC
 CTGGGAGCCCTCCTTCGGTTGCTCCTAGCTCCTTACCTCCTCCTCGAGCCAGCCACCTGCCAAGCATTT
 CCCTCCAGGCTTTCAGCTGTGCAAACTCACCCGTCCAGGTCTGTGGACAAAGACCACTGCGAGATTTTCA
 AAGAAACAACCTAAGAACCAGTGTCAACCGACACTGTGAATCCAGTGGCAGGATGCCACTTTCACAGA
 TGGAGAAGCTGAGGCTCAGAAAGGATGTCAAAGCTTTAGTGAAGATGGGACCAGCAAAGTGGTGGAGAT
 TCTAACCGACATGACAGCCAGGACCTGTGCCAGCTGCTGGTTTACAAAAGTCACTGTGTGGATGACAAC
 AGCTGGACTCTGGTGGAAACACCCACAACCTGGGATTAGAGAGGTGCCTGGAGGACCATGAGATCGTGG
 TCCAAGTGGAGAGTACCATGCCAAGTGAGAGCAAAATTCTTATTAGAAAGAAATTATGCGAAGTACGAGTT
 CTTTAAGAATCCAGTGAACCTTCTCCCGGATCAGATGGTCAATTGGTGGCAGCAGTCCAACGGTGGCCAG
 GCGCAGCTTCTGCAGAAATTTCTGAACACCAGCAGCTGCCCTGAGATCCAGGGGTTCTTGCAGGTGAAAG
 AGGTAGGACGCAAGTCTTGAAGAAGCTGTATGTGCTGCGCAGATCTGGCCTCTATTACTCCACCAA
 GGGACTTCAAAGAACCAGACACCTGCAGCTGCTGGCTGACCTGGAAGAAAGCAGCATCTTCTACCTG
 ATTGCTGGAAGAAGCAGTACAACGCGCCGAATGAACATGGGATGTGCATCAAGCCAAACAAAGCGAAGA
 CCGAGATGAAGGAGCTTCGTCTGCTCTGTGCCGAAGATGAGCAGATCCGTAATGCTGGATGATCGCCTT
 CAGACTGCTCAAGTACGGAATGCTCCTGTACCAAACTATCGCATCCACAGAGGAAGGGTCTGCCCCCT
 CCTTTCAACGCACCTATGCGCAGTGTCTGAGAATTCTCTTGTGGCCATGGATTTTCTGGACAATCG
 GAAGAGTGATCGATAACCCGGCTGAAGCCAGAGTGTGCCCTGGAAGAGGGCCATGCCTGGCGTAAGCG
 GAGCACACGGATGAATATCCTAAGCAGCCAAAGCCCACTGCATCCTTCTACCCTGAATGCAGTGATTAC
 AGGACTCAGCATTGGTTCCATGGACGTATCTCCCGCAGGAGTCTCACAGGATCATCAAGCAACAAGGTC
 TCGTGGACGGGTGTTCTCCTCTGTGACAGCCAGAGTAATCCAAAGGCGTTCGTAAGTACACTGTGCCA
 TCACCAGAAGATTAATAAATTCCAGATCTTACCTTGCAGGATGATGGGACAGCTTCTTCACTCTGGAT
 GATGGGAACACCAAGTCTCCGATCTGATCCAGCTGGTCGACTTCTACCAGCTCAACAAAGGTGTTCTGC
 CCTGCAAGCTGAAACACCACTGCATCCGCGTGGCCTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MNNDINSSVESLNSACNMQSDTDTAPLLEDGQHASNQGAASSSRGQPQASPRQKMQRSPVHILRRLQEE
 DQQLRTASLPAIPNPFPELTGAAPGSPPSVAPSSLPPPPSQQPAKHFPFGQLSKLTRPGLWTKTTARFS
 KKQPKNQCPDVTNVPVARMPTSQMEKLRRLKDVKVFSEDGTSKVEILTDMTARDLCQLLVYKSHCVDDN
 SWTLVEHHPQLGLERCLEDEHIVVQVESTMPSESKFLFRKNYAKYEFFKNPVNFFPDQMVNWCQQSNGGQ
 AQLLQNFNTSSCPEIQGFLQVKEVGRKSWKKLYVCLRRSGLYYSTKGTSKEPRHLQLLADLEESSIFYL
 IAGKKQYNAPNEHGMCIKPNKAKTEMKELRLLCAEDEQIRTCWMTAFRLLYGMMLLYQNYRIPQRKGLPP
 PFNAPMRSVSSENSLVAMDFSGQIGRVIDNPAAEQSAALEEGHAWRKSTRMNILSSQSPLHPSTLNAVIH
 RTQHFHGRISREESHRIKQQLVDGLFLLRDSQSNPKAFVLTLCCHQKIKNFQILPCEDDQGTFFTLD
 DGNTKFSDLIQLVDFYQLNKGVLPCCLKHHICIRVAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_010345
ORF Size:	1788 bp
Buffer:	PBS with 0.001% Pluronic F3450
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_010345.4, NP_034475.2</u>
RefSeq Size:	5089 bp
RefSeq ORF:	1791 bp
Locus ID:	14783
UniProt ID:	<u>Q60760</u>
Cytogenetics:	11 7.15 cM
MW:	68 kDa