

Product datasheet for **RC220822A1V**

Human GRB10 (NM_001001550) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRB10 (NM_001001550) AAV Particle
Tag:	Myc-DDK
Symbol:	GRB10
Synonyms:	Grb-10; GRB-IR; IRBP; MEG1; RSS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC220822 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAATGCATCCCTGGAGAGCCTGTACTCGGCCTGCAGCATGCAGTCAGACACGGTGCCCTCCTGCAGA
 ATGGCCAGCATGCCCGCAGCCAGCCTCGGGCTTCAGGCCCTCCTCGGTCCATCCAGCCACAGGTGTCCC
 AAGGCAGAGGGTGCAGCGCTCCAGCCTGTGCACATCCTCGCTGTAGGCGCCTTCAGGAGGAAGACCAG
 CAGTTTAAACCTCATCTCTGCCGCCATCCCCAATCCTTTCTGAACTCTGTGGCCCTGGGAGCCCC
 CTGTGCTCACGCCGGTCTTTACCTCCGAGCCAGGCCCGCAAAGCAGGATGTTAAAGCTTTAGTGA
 AGATGGGACAAGCAAAGTGGTGGAGATTCTAGCAGACATGACAGCCAGAGACCTGTGCCAATTGTGGTT
 TACAAAAGTCACTGTGTGGATGACAACAGCTGGACACTAGTGGAGCACCACCGCACCTAGGATTAGAGA
 GGTGCTTGAAGACCATGAGCTGGTGGTCCAGGTGGAGAGTACCATGGCCAGTGAGAGTAAATTTCTATT
 CAGGAAGAATTACGAAAATACGAGTTCTTTAAAAATCCCATGAATTTCTCCAGAACAGATGGTTACT
 TGGTGCCAGCAGTCAAATGGCAGTCAAACCCAGCTTTTGCAGAAATTTCTGAACTCCAGTAGTTGTCTGT
 AAATTCAGGGTTTTTGCATGTGAAAGAGCTGGGAAAGAAATCATGAAAAAGCTGTATGTGTGTTGCG
 GAGATCTGGCCTTTATTGCTCCACCAAGGGAATTCAAAGGAACCCAGACACCTGCAGCTGCTGGCCGAC
 CTGGAGGACAGCAACATCTTCTCCCTGATCGCTGGCAGGAAGCAGTACAACGCCCTACAGACCAGGGC
 TCTGCATAAAGCCAAACAAAGTCAGGAATGAACTAAAGAGCTGAGGTTGCTCTGTGCAGAGGACGAGCA
 AACCAGGACGTGCTGGATGACAGCGTTCAGACTCCTCAAGTATGGAATGCTCCTTTACCAGAATTACCGA
 ATCCCTCAGCAGAGGAAGGCCTTGCTGTCCCCGTTCTCGACGCCAGTGCGCAGTGTCTCCGAGAACTCCC
 TCGTGGCAATGGATTTTCTGGGCAACAGGACGCGTGATAGAGAATCCGGCGGAGGCCAGAGCGCAGC
 CTTGGAGGAGGGCCACGCCTGGAGGAAGCGAAGCACACGGATGAACATCCTAGGTAGCCAAAGTCCCTC
 CACCCTTCTACCTAAGTACAGTGATTACAGGACACAGCACTGGTTTACGGGAGGATCTCCAGGGAGG
 AATCCACAGGATCATTAACAGCAAGGGCTCGTGGATGGGCTTTTCTCCTCCGTGACAGCCAGAGTAA
 TCCAAAGGCATTTGACTCAGCTGTGTATCACCAGAAAATAAAAATTTCCAGATCTTACCTTGCGAG
 GACGACGGGCAGACGTTCTTACGCTAGATGACGGGAACACCAAATCTCTGACCTGATCCAGCTGGTTG
 ACTTTTACCAGCTGAACAAGGAGTCTGCCTTGCAAATCAAGCACCAGTGCATCCGAGTGGCCTTA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220822 protein sequence
 Red=Cloning site Green=Tags(s)

MNASLESLSACSMQSDTVPLLQNGQHARSQPRASGPPRSIQPVSPQRVQRSQPVHILAVRRLQEEDQ
 QFRTSSLPAIPNPFPELCGPGSPVLP TPGSLPPSQAQAAKQDVKFVSEDGTSKVVEILADMTARDLCQLLV
 YKSHCVDNDSWTLVEHHPHLGLERCLEDHEL VVQVESTMASESKFLFRKNYAKYEFFKNPMNFFPEQMVT
 WCQQSNGSQTQLLQNFNLSSSCPEIQGFLHVKELGKKSWKLYVCLRRSGLYCSTKGTSGEPRHLQLLAD
 LEDSNIFSLIAGRKQYNAPTDHGLCIKPNKVRNETKELRLLCAEDEQTRTCWMTAFRLLKYGMMLLYQNYR
 IPQQRKALLSPFSTPVRSVSENSLVAMDFSGQTGRVIENPAEAQSAALEEGHAWKRSTRMNIILGSQSPL
 HPSTLSTVIHRTQHWFHGRISREESHRIKQQLVDGLFLLRDSQSNPKAFVLTLCCHQKIKNFQILPCE
 DDGQTFFSLDDGNTKFSDLIQLVDFYQLNKGVLPCCLKHHCIRVAL

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001001550

ORF Size:

1608 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_001001550.1</u>
RefSeq Size:	4793 bp
RefSeq ORF:	1611 bp
Locus ID:	2887
UniProt ID:	<u>Q13322</u>
Cytogenetics:	7p12.1
MW:	60.8 kDa