

Product datasheet for **RC200330A1V**

Human GRB7 (NM_001030002) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRB7 (NM_001030002) AAV Particle
Tag:	Myc-DDK
Symbol:	GRB7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200330 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGAGCTGGATCTGTCTCCACCTCATCTTAGCAGCTCTCCGGAAGACCTTTGCCAGCCCTGGGACCC
 CTCCTGGGACTCCCGGCCCTGATACCCCTCTGCCTGAGGAGGTAAAGAGGTCCAGCCTCTCCTCAT
 CCCAACCAACCGCAGGAACTTCGAGAGGAGGAGGCGTGCCACCTCCCTCCCTCTATCCCCAACCC
 TTCCCTGAGCTCTGCAGTCTCCCTCACAGAGCCCAATTCTCGGGGGCCCTCCAGTGCAAGGGGCTGC
 TCCCCCGCATGCCAGCCGCCCATGTAGTAAAGGTGTACAGTGGGCTGCAGGTCTGTGGA
 GGTGGCAGCAGGTGCCACAGCTGCCACGTGTGTAAATGCTGGTGCAGCGAGCTCACGCCTTGAGCGAC
 GAGACCTGGGGCTGGTGGAGTGCCACCCACCTAGCACTGGAGCGGGTTTGGAGGACCACGAGTCCG
 TGGTGAAGTGCAGGCTGCCTGGCCGTGGGCGGAGATAGCCGCTTCGTCTCCGAAAACTTCGCCAA
 GTACGAACTGTTCAAGAGCTCCCACTCCCTGTTCCAGAAAAATGGTCTCCAGCTGTCTCGATGCA
 CACACTGGTATATCCCATGAAGACCTCATCCAGAACTTCCTGAATGCTGGCAGCTTTCCTGAGATCCAGG
 GCTTCTGCAGCTGCGGGGTTACAGGACGGAAGCTTTGGAACGCTTTTCTGCTTCTGCGCCGATCTGG
 CCTCTATTACTCCACCAAGGGCACCTCTAAGGATCCGAGGCACCTGCAGTACGTGGCAGATGTGAACGAG
 TCCAACGTGTACGTGGTACGACGAGGCGCAAGCTCTACGGGATGCCACTGACTTCGGTTTCTGTGTCA
 AGCCCAACAAGCTTCGAAATGGCCACAAGGGGCTTCGGATCTTCTGCAGTGAAGATGAGCAGAGCCGAC
 CTGCTGGCTGGCTGCCTTCGCCCTCTCAAGTACGGGTGCAGCTGTACAAGAATTACCAGCAGGCACAG
 TCTCGCATCTGCATCCATCTTGTGTTGGGCTCCCCACCTTGAGAAGTGCCTCAGATAATACCTGGTGG
 CCATGGACTTCTTGCCATGCTGGGCGTGTATTGAGAACCCCGGAGGCTCTGAGTGTGGCCTGGA
 GGAGGCCCAGGCTGGAGGAAGAAGACAAACCACCGCTCAGCCTGCCATGCCAGCCTCCGGCAGGAGC
 CTCAGTGCAGCCATCCACCGCACCAACTCTGGTTCACGGGCGCATTTCCCGTGAGGAGAGCCAGCGGC
 TTATTGGACAGCAGGGCTTGGTAGACGGCTGTTCTGGTCCGGGAGAGTCAAGGAAACCCAGGGCTT
 TGTCTCTCTTTGTGCCACCTGCAGAAAGTGAAGCATTATCTCATCTGCCGAGCAGGAGGAGGGCCGC
 CTGTACTTCAGCATGGATGATGGCCAGACCGCTTCACTGACCTGCTGCAGCTCGTGGAGTTCACACAG
 TGAACCGCGGCATCCTGCCGTGCTGCGCCATTGCTGCACGCGGTGGCCCTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200330 protein sequence
 Red=Cloning site Green=Tags(s)

MELDLSPPHLSSSPEDLCPAPGTPPGTPRPPDTPLEEVKRSQPLLIPPTGRKLREEERRATSLPSIPNP
 FPELCSPPSQSPILGGPSSARGLLPRDASRPHVVKVYSEDGACRSVEVAAGATARHVCMLVQRAHALSD
 ETWGLVECHPHLALERGEDHESVVEVQAAPVGGDSRFVFRKNFAKYELFKSSPHSLFPEKMOVSSCLDA
 HTGISHEDLIQNFLNAGSFPEIQGFLQLRGSGRKLWKRFFCFLRRSGLYYSTKGTSKDPRHLQYVADVNE
 SNVYVVTQGRKLYGMPTDFGFCVKNKLRNGHKGLRIFCSEDEQSRTCWLAARLFKYGVQLYKNYQQAQ
 SRHLHPSCLGSPPLRSASDNTLVAMDFSGHAGRVLENPREALSVALEEAQAWRKKTNHRSLPMPASGTS
 LSAAIHRTQLWFHGRISREESQRLIGQQGLVDGLFLVRESQRNPQGFVLSLCHLQKVHYLILPSEEEGR
 LYFSMDGQTRFTDLLQLVEFHQLNRGILPCLLRHCCTRVAL

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001030002

ORF Size:	1596 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_001030002.1</u>
RefSeq Size:	2130 bp
RefSeq ORF:	1599 bp
Locus ID:	2886
UniProt ID:	<u>Q14451</u>
Cytogenetics:	17q12
MW:	59.7 kDa