

Product datasheet for **RC234367A1V**

Human GRB7 (NM_001242443) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRB7 (NM_001242443) AAV Particle
Tag:	Myc-DDK
Symbol:	GRB7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC234367 representing NM_001242443
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGCTGGATCTGTCTCCACCTCATCTTAGCAGCTCTCCGGAAGACCTTTGCCAGCCCTGGGACCC
 CTCTGGGACTCCCGGCCCTGATACCCCTCTGCCTGAGGAGGTAAAGAGGTCCAGCCTCTCTCAT
 CCCAACACCAGCAGGAACTTCGAGAGGAGGAGGCGTCCACCTCCCTCCCTCTATCCCCAACCC
 TTCCCTGAGCTCTGCAGTCTCCCTCACAGAGCCAACTTCGGGGGCCCTCCAGTGAAGGGGCTGC
 TCCCCCGCATGCCAGCCGCCCATGTAGTAAAGGTGTACAGTGAAGTGGGCTGCAGGCTGTGGA
 GGTGGCAGCAGGTGCCACAGCTGCCACGTGTGAAATGCTGGTGCAGCGAGCTCACGCCTTGAGCGAC
 GAGACCTGGGGCTGGTGGAGTCCACCCACCTAGCACTGGAGCGGGTTGGAGGACCAGGATCCG
 TGGTGAAGTGCAGGCTGCCTGGCCGTGGCGGAGATAGCCGCTTCGTTCCGAAAACTTCGCCAA
 GTACGAACTGTTCAAGAGCTCCACACTCCCTGTTCCAGAAAAATGGTCTCCAGCTGTCTCGATGCA
 CACACTGGTATATCCATGAAGACCTCATCCAGAACTTCTGAATGCTGGCAGCTTCTCTGAGATCCAGG
 GCTTCTGCAGCTGCGGGTTCAGGACGGAAGCTTTGAAACGCTTTTCTGCTTCTGCGCCGATCTGG
 CCTTATTACTCCACCAAGGACCTCTAAGGATCCGAGGCACCTGCAGTACGTGGCAGATGTGAACGAG
 TCCAACGTGTACGTGGTACGCAGGCGCAAGCTCTACGGGATGCCACTGACTTCGGTTTCTGTGTCA
 AGCCCAACAAGCTTCGAAATGGCCACAAGGGCTTCGGATCTTCTGCAGTGAAGATGAGCAGAGCCGCAC
 CTGCTGGCTGGCTGCCTCCGCCTTCAAGTACGGGTGCAGCTGTACAAGAATTACCAGCAGGCACAG
 TCTCGCCATCTGCATCCATCTTGTGGGCTCCACCCCTTGAAGAAGTGCCTCAGATAATACCCCTGGTGA
 CCATGGACTTCTGGCCATGCTGGCGTGTCAATTGAGAACCCCGGGAGGCTCTGAGTGTGGCCGGA
 GGAGGCCAGGCTGGAGGAAGAAGACAACCACCGCCTCAGCCTGCCATGCCAGCCTCCGGCAGCAGC
 CTCAGTGCAGCCATCCACCGCACCAACTCTGTTCCACGGGCGCATTTCCTGAGGAGAGCCAGCGGC
 TTATTGGACAGCAGGCTTGGTAGACGGCTGTTCTGGTCCGGGAGAGTCAAGGAAACCCAGGGCTT
 TGTCCTCTTTGTGCCACTGCAGAAAGTGAAGCATTATCTCATCTGCGGAGCGAGGAGGAGGCCGC
 CTGTACTTCAGCATGGATGATGGCCAGACCCGCTTCACTGACCTGCTGCAGCTCGTGGAGTTCACCAGC
 TGAACCGGCATCCTGCCGTGCTGCGCCATTGCTGCACGGGTGGCCCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234367 representing NM_001242443
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MELDLSPPHLSSPEDLCPAPGTPPGTPRPPDPLPEEVKRSQPLLIPPTGRKLREEERRATSLPSIPNP
 FPELCSPPSQSPILGGPSSARGLLPRDASRPHVVKVYSEDGACRSVEVAAGATARHVCLEMLVQRAHALSD
 ETWGLVECHPHLALERGLEDHESVVEVQAAWPVGGDSRFVFRKNFAKYELFKSSPHSLFPEKMSVSSCLDA
 HTGISHEDLIQNFLNAGSFPEIQGFLQLRSGRKLWKRFFCFLRRSGLYYSTKGTSKDPRHLQYVADVNE
 SNVYVVTQGRKLYGMPTDFGFCVKNLNRNGHGLRIFCSEDEQSRTCWLAARLKFYGVQLYKNYQQAQ
 SRHLHPSCLGSPPLRSASDNTLVAMDFSGHAGRVIENPREALSVALEEAQAWRKKTNHRLSLPMPASGTS
 LSAAIHRQLWFHGRISREESQRLIGQQGLVDGLFLVRESQRNPQGFVLSLCHLQVKVHYLILPSEEEGR
 LYFSMDDGQTRFTDLLQLVEFHQLNRGILPCLLRHCCTRVAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001242443

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_001242443.1</u> , <u>NP_001229372.1</u>
RefSeq Size:	2275 bp
RefSeq ORF:	1599 bp
Locus ID:	2886
UniProt ID:	<u>Q14451</u>
Cytogenetics:	17q12
MW:	59.7 kDa