

Product datasheet for **RC238314A1V**

Human GRB 14 (GRB14) (NM_001303422) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human GRB 14 (GRB14) (NM_001303422) AAV Particle
Tag:	Myc-DDK
Symbol:	GRB 14
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC238314 representing NM_001303422 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAGTTTGAGTGCAAGAAGAGTCACTCTGCCTGCAATAACGCCAATAATTCTACAGAAAAGGTGATTA
AAGTATACAGTGAAGATGAAACCAGCAGGGCTTTAGATGTACCCAGTGACATAACGGCTCGAGATGTTTG
TCAGCTGTTGATCCTGAAGAATCATTACATTGATGACCACAGCTGGACCCTTTTGGACCTGCCTCAC
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TTTCTGAGTTCAAGCACATATCCTGAAATTCATGGTTTCTTACATGCGAAAGAACAGGGAAGAAGTCTT
GGAAAAAATTTACTTTTTCTAAGAAGATCTGGTTTATTTTTCTACTAAAGGAACATCAAAGGAACC
GCGGCATTTGCAGTTTTTCAGCGAATTTGGCAATAGTGATATTTATGTGCTCACTGGCAGGCAAAAAA
CATGGAGCACCAGTAACTATGGATTCTGCTTTAAGCCTAACAAAGCGGGAGGGCCCCGAGACCTGAAAA
TGCTCTGTGCAGAAGAAGAGCAGAGTAGGACGTGCTGGGTGACCGCGATTAGATTGCTTAAGTATGGCAT
GCAGCTGTACCAGAATTATATGCATCCATATCAAGGTAGAAGTGGCTGCAGTTCACAGAGCATATCACCT
ATGAGAAGTATATCAGAGAATTCCTGGTAGCAATGGACTTCTCAGGCCAGAAAAGCAGAGTTATAGAAA
ATCCCAGTGAAGCCCTTTCAGTTGCGGTTGAAGAAGGACTCGCTTGGAGGAAAAAAGGATGTTTACGCCT
GGGCACTCACGGTAGCCCCACTGCCTCTTCACAGAGCTCTGCCACAAACATGGCTATCCACCGGTCCCAG
CCATGGTTTACCACAAAATTTCTAGAGATGAGGCTCAGCGATTGATTATTCAGCAAGGACTTGTGGATG
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AATAAAGCACTTCAAATTATACAGTAGAAGATGACGGTGAAATGTTCCACACACTGGATGATGCCAC
ACAAGATTTACAGATCTAATACAGCTGGTGGAGTTCTATCAACTCAATAAGGGCGTTCTCCTTGAAGT
TGAAACATTATTGTGCTAGGATTGCTCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC238314 representing NM_001303422 Red=Cloning site Green=Tags(s) MSLSARRVTLPAITPIILQKRVIKVVSEDETSRALDVPSDITARDVCQLLILKNHYIDHWSWTLFEHLPH IGVERTIEDHELVIIEVLSNWGIEEENKLYFRKNYAKYEFFKNPMYFFPEHMYVSFATETNGEISPTQILQM FLSSSTYPEIHGFLHAKEQGKKSWKIYFFLRSSGLYFSTKGTSGEPHRLQFFSEFGNSDIYVSLAGKKK HGAPTNYGFCFKPNKAGGPRDLKMLCAEEEQSRTCWVTAIRLLKYGMQLYQNYMHPYQGRSGCSSQSISP MRSISENSLVAMDFSGQKSRVIENPTEALSVAVEEGLAWRKKGCLRLGTHGSPTASSQSSATNMAIHRSQ PWFHHKISRDEAQRLLIIQQGLVDGVFLVRDSQSNPKTFVLSMSHGQKIKHFQIIPVEDDGEMFHTLDDGH TRFTDLIQLVEFYQLNKGVLPCCLKHYCARIAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001303422
ORF Size:	1359 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_001303422.1</u>
RefSeq Size:	2165 bp
RefSeq ORF:	1362 bp
Locus ID:	2888
UniProt ID:	<u>Q14449</u>
Cytogenetics:	2q24.3
MW:	52.4 kDa