

Product datasheet for **RC207582A1V**

Human RGL2 (NM_004761) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RGL2 (NM_004761) AAV Particle
Tag:	Myc-DDK
Symbol:	RGL2
Synonyms:	HKE1.5; KE1.5; RAB2L
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207582 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCTCCCGCGGCCCTGCGGCTGCTTTTGACACGAGCCCCCGGGGAGTCGTACTGAGCAGCTTCC
GAAGCCGGGACCCGAAGAGGGTGGGGGCCAGGTGGCTGGTCGTGGCGGGGGCAGGAGGAAGAGGA
GGAGGAAGAAGAAGAGGCCCTGTGTCCGTCTGGGATGAGGAGGAGGATGGTGCCGTGTTACCGTCACA
AGCCGCCAATATCGACCTCTTGATCCCTTGGTCCCTATGCCTCCCCACGTTCTCCCGACGGCTCCGAG
CTGGCACTCTGGAGGCCCTGGTCAGACACCTACTGGATACCGGACATCAGGGACTGATGTGAGCTTCAT
GTCAGCCTTCTGGCTACCCACCGGGCTTCACCTCCACGCTGCCTTGTAGGGCTTATGGCTGACAGG
CTGGAAGCCCTGAATCTCATCTACCGACGAAGTACAGAGGACAACAGAGGTAGCCATCTCTGTACTGT
CAACCTGGCTGGCTCTCACCTGAGGATTTTGGCTCTGAGGCCAAGGGTCAGCTTGACCGCTTGAGAG
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CTCCGGTCCCGGGTGGACCCCGAGGCCCGACCTTCTAAGCCCTGGCCCTCCCGGGGATCCCGCTG
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ACTTTTCTCAATTTGATCCCTCTCAGTGCCTGGGAGGCCTGTGGGTGACAGAGACCGGCCAGGACAT
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GTTTATGCCGTGGTGTGAGCCCTGCAGTCCAGCCCCATCCACAGGCTTCGGGCAGCCTGGGGGAAGCAA
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TCGGGAGCTGCTCGTGCAGGAGGTGAAGCTGCAGTCTCCTCTGGAGCCCACTCCAAGAAGGCCCGGAGG
TCTGGCTCCCGGGTGGGGTGTGGTCCCATACCTTGGCACCTTCTGAAGGACCTTGTGATGCTGGATG
CAGCCTCAAGGATGAGTTGGAGAATGGATACATCAATTTTGACAAGCGGAGGAAGGAGTTGAGTCTCT
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GTTCCAGTGACCTCTGCCCCACGGGTGCTTCGGCCAACTTGGTCATCTCGCAGTGGACAGAGGTTTT
GGGCTCTGTTGGGTCCCTACCCGCTTGTGTCTGTGACCGGCCAGTACTGGGGGAGATGAGGCGCT
ACAACCTCTGCTCCTCTGCTGACTCGGCTGGCCAGCACATGAAGTGGCCATCTGTCTCGTCACTAGACT
CTGCCTTGAAAGCAGTCCATCCCTGCACAGTCCAGCTGACCCAGCCACCTCTCCCCACGACCTCCTC
CCCTAGGCCTTCTCGAGGTACCCGCGCTCAGCCTCCTGTGGCTCCCGCTGAGTGGGGGTGCAGAAGAG
GCCTCCGGGGGACTGGATATGGGGGAGAGGATCTGGGCCAGGGGCTCTGATTGCCGTATCATCCGAG
TCCAGATGGAGTTGGGGGAAGATGGCAGTGTCTATAAGAGCATTTTGGTGACAAGCCAGGACAAGGCTCC
AAGTGTATCAGTCGTGTCTTAAGAAAAACAATCGTGACTCTGCAGTGGCTTCAGAGTATGAGCTGGTA
CAGCTGCTACAGGGGAGCGAGAGCTGACTATCCAGCCTCGGCTAATGTATTCTACGCCATGGATGGAG
CTTACACGATTTCTCCTGCGGCAGCGGGAAGGTCTCTACTGCTACACCTGGCGTCACAGTGGCCC
GTCTGCCTCAGGAATCCTCCGAGTGAAGGAGGAGGGGCTCCTTCCAGGATCAAGGCCACAGGGAGG
AAGATTGCACGGCACTGTTT

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207582 protein sequence Red=Cloning site Green=Tags(s) MLPRPLRLLLDTSPPGGVVLSSFRSRDPEEGGGPGGLVGGGQEEEEEEEEAPVSVWDEEEDGAVFTVT SRQYRPLDPLVPMPPRSSRRLRAGTLEALVRHLLDTRTSGTDVSFMSAFLATHRAFTSTPALLGLMADR LEALESHTDELERTTEVAISVLSTWLASHPEDFGSEAKGQLDRLESFLLQTGYAAGKGVGGGSADLIRN LRSRVDQAPDLPKPLALPGDPPADPTDVLVFLADHLAEQLTLLDAELFLNLIPSQCLGGLWGHDRDPGH SHLCPSVRATVTQFNKVAGAVVSSVLGATSTGEGPGEVTIRPLRPPQARLLEKWIRVAEECRLLRNFSS VYAVVSALQSSPIHRLRAAWGEATRDSLRFVSSLCQIFSEEDNYSQSRELLVQEVKLQSPLEPHSKKAPR SGSRGGGVVPYLGTFKDLVMLDAASKDELENGYINFDKRRKEFAVLSELRRQLQNECRGYNLQPDHDIQR WLQGLRPLTEAQSHRVSCVEPPGSSDPPAPRVL RPTLVISQWTEVLGSVGVP TPLVSCDRPSTGGDEAP TTPAPLLTRLAQHMKWPSVSSLSALESSPSLHSPADPSHLSPASSPRPSRGHRRSASCGSPLSGGAEE ASGGTGYGGEGSGPGASDCRIIRVQMELGEDGSVYKSILVTSQDKAPSVISRVLKNNRDSAVASEYELV QLLPGERELTIPASANFYAMDGASHDFLLRQRRRSSTATPGVTSGPSASGTPPSEGGGGSFPRIKATGR KIARALF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004761
ORF Size:	2331 bp
Buffer:	PBS with 0.001% Pluronic F6095
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:	NM_004761.2
RefSeq Size:	3362 bp
RefSeq ORF:	2334 bp
Locus ID:	5863
UniProt ID:	O15211
Cytogenetics:	6p21.32
MW:	83.5 kDa