

Product datasheet for **RC201835A1V**

Human RSK3 (RPS6KA2) (NM_021135) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RSK3 (RPS6KA2) (NM_021135) AAV Particle
Tag:	Myc-DDK
Symbol:	RPS6KA2
Synonyms:	HU-2; MAPKAPK1C; p90-RSK3; p90RSK2; pp90RSK3; RSK; RSK3; S6K-alpha; S6K-alpha2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201835 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGACCTGAGCATGAAGAAGTTCGCCGTGCGCAGGTTCTTCTGTGTACCTGCGCAGGAAGTCGCGCT
 CCAAGAGCTCCAGCCTGAGCCGGCTCGAGGAAGAAGGTGTCGTGAAGGAGATAGACATCAGCCATCATGT
 GAAGGAGGGCTTTGAGAAGGCAGATCCTTCCCAGTTTGAGCTGCTGAAGGTTTTAGGACAAGGATCCTAT
 GGAAAGGTGTTCTGCTGAGGAAGGTGAAGGGTCCGACGCTGGGCAGCTCTACGCCATGAAGTCTCTTA
 AGAAAGCCACCCTAAAAGTTCGGGACCGAGTGAGATCGAAGATGGAGAGAGACATCTTGGCAGAAGTGAA
 TCACCCCTTCATTGTGAAGCTTCATTATGCCTTTCAGACGGAAGGAAAGCTCTACCTGATCCTGGACTTC
 CTGCGGGGAGGGGACCTTTCACCCGGCTCTCAAAGAGGTGTCATGTTACGGAGGAGGATGTCAAGTTCT
 ACCTGGCTGAGCTGGCTTTGGCTTTAGACCATCTCCACAGCCTGGGGATCATCTACAGAGATCTGAAGCC
 TGAGAATCCTCCTGGATGAAGAGGGGCACATTAAGATCACAGATTTGGCCTGAGTAAGGAGGCCATT
 GACCACGACAAGAGAGCGTACTCCTTCTGCGGGACGATCGAGTACATGGCGCCCGAGGTGGTGAACCGGC
 GAGGACACACGAGAGTGCCGACTGGTGGTCTTTCGGCGTGCTCATGTTTGAGATGCTACCGGGTCCCT
 GCCGTTCCAGGGGAAGGACAGGAAGGAGACCATGGCTCTCATCCTCAAAGCCAAGCTGGGGATGCCGAG
 TTCCTCAGTGGGAGGCACAGAGTTTGTGCGAGCTCTCTTCAAACGGAACCCCTGCAACCGGCTGGGTG
 CTGGCATTGACGGAGTGGAGGAAATTAAGCGCCATCCCTTCTTGTGACCATAGACTGGAACACGCTGTA
 CCGGAAGGAGATCAAGCCACCGTTCAAACAGCAGTGGCAGGCTGAGGACACCTTCCACTTTGACCCC
 GAGTTACAGCGCGGACGCCCACAGACTCTCTGGCGTCCCCCGAGTGCAAACGCTCATCACCTGTTTA
 GAGGATTCAGCTTTGTGCCTCAAGCCTGATCCAGGAGCCCTCACAGCAAGATCTGCACAAAGTCCAGT
 TCACCCAATCGTGCAGCAGTTACACGGGAACAACATCCACTTCACCGATGGCTACGAGATCAAGGAGGAC
 ATCGGGGTGGGCTCCTACTCAGTGTGCAAGCGATGTGTGCATAAAGCCACAGACACCGAGTATGCCGTGA
 AGATCATTGATAAGAGCAAGAGAGACCCCTCGGAAGAGATTGAGATCCTCCTGCGGTACGGCCAGCACCC
 GAACATCATCACCCCTCAAGGATGTCTATGATGATGGCAAGTTTGTGTACCTGGTAATGGAGCTGATGCGT
 GGTGGGGAGCTCCTGGACCGCATCCTCCGGCAGAGATACTTCTCGGAGCGCAAGCCAGTGACGTCCTGT
 GCACCATCACCAAGACCATGGACTACCTCCATTCCCAGGGGTTGTTTCGAGACCTGAAGCCGAGTAA
 CATCCTGTACAGGGATGAGTCGGGGAGCCAGAATCCATCCGAGTCTGCGACTTCGGCTTTGCCAAGCAG
 CTGCGCGCGGGAAACGGGCTGCTCATGACACCCTGCTACACGGCCAATTCGTGGCCCCGGAGGTCCTGA
 AGCGTCAAGGCTATGATGCGGCGTGTGACATCTGGAGTTTGGGGATCCTGTTGTACACCATGCTGGCAGG
 ATTTACCCCTTTTGCAATGGGCCAGACGATACCCCTGAGGAGATTCTGGCGCGGATCGGCAGTGGGAAG
 TATGCCCTTTCTGGGGGAACTGGGACTCGATATCTGACGCAGCTAAAGACGTCGTGTCCAAGATGCTCC
 ACGTGGACCCTCATCAGCGCCTGACGGCGATGCAAGTGCTCAAACACCCGTGGGTGGTCAACAGAGAGTA
 CCTGTCCCCAAACCAGCTCAGCCGACAGGACGTGCACCTGGTGAAGGGCGCGATGGCCGCCACCTACTTT
 GCTCTAAACAGAACACCTCAGGCCCCGGGCTGGAGCCCGTGTGTGTCCTCAACCTGGCTCAGCGCAGAG
 GCATGAAGAGACTCACGTCCACGCGTTG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC201835 protein sequence Red=Cloning site Green=Tags(s) MDLSMKKFAVRRFFSVYLRRKSRKSSSLSRLEEEGVVKEIDISHHVKEGFADPSQFELLKVLGQGSY GKVFLVRKVKGSADAGQLYAMKVLKKATLKVRDRVRSMERDILAEVNHPFIVKLHYAFQTEGKLYLILDF LRGGDLFTRLKSEVMFTEEDVKFYLAELALALDHLHSLGIIYRDLKPENILLDEEGHIKITDFGLSKEAI DHDKRAYSFCGTIEYMAPEVVNRRGHTQSADWWSFGVLMFEMLTGSLPFQKDRKETMALILKAKLGMPQ FLSGEAQSLRLALFKRNPENRLGAGIDGVVEIKRHPFFVTIDWNTLYRKEIKPPFKPAVGRPEDTFHFDP EFTARTPTDSPGVPPSANAHHLFRGFSFVASSLIQEPSQQDLHKVPVHPVIVQQLHGNNIHFTDGYEIKED IGVGSYSVCKRCVHKATDTEYAVKIIDKSKRDPSEEIEILLRYGQHPNIIITLKDVYDDGKFVYLMELMR GGELLDRILRQRYFSEREASDLCTITKTMDYLHSQGVVHRDLKPSNILYRDESGSPESIRVCDGFAKQ LRAGNLLMTPCYTANFVAPEVLKRQGYDAACDIWSLGILLYTMLAGFTPFANGPDDTPEEILARIGSGK YALSGGNWDSISDAKDVSVMKMLHVDPHQRLTAMQVLKHPWVNNREYLSNQLSRQDVHLVKGAMAATYF ALNRTPTQAPRLEPVLSSNLAQRGMKRLTSTRL SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_021135
ORF Size:	2199 bp
Buffer:	PBS with 0.001% Pluronic F5235
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_021135.4</u>
RefSeq Size:	5817 bp
RefSeq ORF:	2202 bp
Locus ID:	6196
UniProt ID:	<u>Q15349</u>
Cytogenetics:	6q27
MW:	83.2 kDa