

Product datasheet for **RC213645A1V**

Human RPS6KA3 (NM_004586) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RPS6KA3 (NM_004586) AAV Particle
Tag:	Myc-DDK
Symbol:	RPS6KA3
Synonyms:	CLS; HU-3; ISPK-1; MAPKAPK1B; MRX19; p90-RSK2; pp90RSK2; RSK; RSK2; S6K-alpha3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC213645 ORF sequence

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

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCCGCTGGCGCAGCTGGCGGACCCGTGGCAGAAGATGGCTGTGGAGAGCCCGTCCGACAGCGCTGAGA
 ATGGACAGCAAATTATGGATGAACCTATGGGAGAGGAGGAGATTAACCCACAAACTGAAGAAGTCAGTAT
 CAAAGAAATTGCAATCACATCATGTAAAGGAAGGACATGAAAAGGCAGATCCTTCCCAGTTTGAACTT
 TAAAAAGTATTAGGGCAGGGATCATTTGAAAGGTTTTCTTAGTTAAAAAATCTCAGGCTCTGATGCTA
 GGCAGCTTTATGCCATGAAGGTATTGAAGAAGGCCACACTGAAAGTTCGAGACCGAGTTCGGACAAAAAT
 GGAACGTGATATCTTGGTAGAGGTTAATCATCTTTTATTGTCAAGTTGCATTATGCTTTTCAAAGTAA
 GGGAAGTTGTATCTTATTTGGATTTTCTCAGGGGAGGAGATTTGTTTACACGCTTATCCAAAGAGGTGA
 TGTTACAGAAGAAGATGTCAAATCTACTTGGCTGAAGTTCAGTTCGTTTACACCATCTACATAGCCT
 GGGAATAATTTATAGAGACTTAAACCAGAAAAATATACTTCTTGATGAAGAAGGTCACATCAAGTTAACA
 GATTTTCGGCCTAAGTAAAGAGTCTATTGACCATGAAAAGAAGGCATATTCTTTTTGTGGAAGTGTGGAGT
 ATATGGCTCCAGAAGTAGTTAATCGTCGAGGTCACTCAGAGTGCTGACTGGTGGTCTTTTGGTGTGTT
 AATGTTTGAATGCTTACTGGTACACTCCCTTTCCAAGGAAAAGATCGAAAAGAAACAATGACTATGATT
 CTTAAAGCCAACTTGGAAATGCCACAGTTTTTGAAGTCTGAAGCGCAGAGTCTTTTACGAATGCTTTTCA
 AGCGAAATCCTGCAACAGATTAGGTGCAGGACCAGATGGAGTTGAAGAAATTAAGACATTCAATTTT
 CTCAACGATAGACTGGAATAAAGTGTATAGAAGAGAAATTCATCCGCCATTTAAACCTGCAACGGGCAGG
 CCTGAAGATACATTCTATTTTGATCCTGAGTTTACTGCAAAAACTCCCAAGATTCACCTGGCATTCCAC
 CTAGTGCTAATGCACATCAGCTTTTTCGGGGTTTAGTTTTGTGCTATTACCTCAGATGATGAAAGCCA
 AGCTATGCAGACAGTTGGTGTACATTCAATTGTTTCAGCAGTTACACAGGAACAGTATTCAAGTTTACTGAT
 GGATATGAAGTAAAAGAAGATATTGGAGTTGGCTCCTACTCTGTTTGAAGAGATGTATACATAAAGCTA
 CAAACATGGAGTTTGCAGTGAAGATTATTGATAAAGCAAGAGAGACCCAACAGAAGAAATTGAAATTCT
 TCTTCGTTATGGACAGCATCCAAACATTATCACTCTAAAGGATGTATATGATGATGGAAGTATGTGTAT
 GTAGTAACAGAACTTATGAAAGGAGGTGAATTGCTGGATAAAATCTTAGACAAAAATTTTCTCTGAAC
 GAGAGGCCAGTGCTGCTGTTCACTATAACTAAAACCGTTGAATATCTTCACGCACAAGGGGTGGTTCA
 TAGAGACTTGAAACCTAGCAACATTCTTTATGTGGATGAATCTGGTAATCCGGAATCTATTGCAATTTGT
 GATTTTGGCTTTGCAAAACAGCTGAGAGCGGAAAAATGGTCTTCTCATGACTCCTTGTACTGCAAAAT
 TTGTTGCACCAGAGGTTTTAAAAAGACAAGGCTATGATGCTGCTTGTGATATATGGAGTCTTGGTGTCT
 ACTCTATACAATGCTTACCGGTTACACTCCATTTGCAAAATGGTCTGATGATACACCAGAGGAAATATTG
 GCACGAATAGGTAGCGGAAAAATCTCACTCAGTGGTGGTACTGGAATCTGTTTCAGACACAGCAAAGG
 ACCTGGTGTCAAAGATGCTTCATGTAGACCCCTCATCAGAGACTGACTGCTGCTTGTGCTCAGACATCC
 TTGGATCGTCCACTGGGACCAACTGCCACAATACCAACTAAACAGACAGGATGCACCACATCTAGTAAAG
 GGTGCCATGGCAGCTACATATTCTGCTTTGAACCGTAATCAGTCACCAGTTTTGGAACAGTAGGCCGCT
 CTACTCTTGCTCAGCGGAGAGGTATTAATAAATCACCTCAACAGCCCTG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC213645 protein sequence Red=Cloning site Green=Tags(s) MPLAQLADPWQKMAVESPSDSAENGQQIMDEPMGEEEINPQTEEVSKEIAITHHVKEGHEKADPSQFEL LKVLGQGSFGKVLVKKISGSDARQLYAMKVLKKATLKVRDRVRTKMERDILVEVNHPIVKLHYAFQTE GKLYLILDFLRGGDLFTRLKEVMFTEEDVKFYLAELALALDHLHSLGIIYRDLKPENILLDEEGHIKLT DFGLSKESIDHEKKAYSFCGTVEYMAPEVVNRRGHTQSADWWSFGVLMFEMLTGTLPPFQKDRKETMTMI LKAKLGMPQFLSPEAQSLRLMLFKRNPANRLGAGPDGVEEIKRHSFFSTIDWNKLYRREIHPPFKPATGR PEDTFYFDPEFTAKTPKDSPGIPPSANAHQLFRGFSFVAITSDDSQAMQTVGVHSIVQQLHRNSIQFTD GYEVKEDIGVGSYSVCKRCIHKATNMEFAVKIIDKSKRDPTEEIEILLRYGQHPNIITLKDYYDDGKYVY VVTLMKGGELLDKILRQKFFSEREASAVLFTITKTVEYLHAQGVVHRDLKPSNILYVDESGNPESIRIC DFGFAQLRAENGLLMTPCYTANFVAPEVLKRQGYDAACDIWSLGVLLYTMLTGYPFANGPDDTPEEIL ARIGSGKFSLSGGYWNSVSDTAKDLVSKMLHVDPHQRLTAALVLRHPWIVHWDQLPQYQLNRQDAPHLVK GAMAATYSALNRNQSPVLEPVGRSTLAQRRGIKKITSTAL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_004586
ORF Size:	2220 bp
Buffer:	PBS with 0.001% Pluronic F7089
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_004586.2</u>
RefSeq Size:	7723 bp
RefSeq ORF:	2223 bp
Locus ID:	6197
UniProt ID:	<u>P51812</u>
Cytogenetics:	Xp22.12
MW:	83.7 kDa