

Product datasheet for **RC211545A1V**

Human RSK4 (RPS6KA6) (NM_014496) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human RSK4 (RPS6KA6) (NM_014496) AAV Particle
Tag:	Myc-DDK
Symbol:	RPS6KA6
Synonyms:	p90RSK6; PP90RSK4; RSK-4; RSK4; S6K-alpha-6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC211545 representing NM_014496
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTACCATTCGCTCCTCAGGACGAGCCCTGGGACCGAGAAATGGAAGTGTTACAGCGCGCGCGCGCA
 GCAGCGCGGAGGTAAATGGTCTTAAATGGTTGATGAGCCAATGGAAGAGGGAGAAGCAGATTCTTGTC
 TGATGAAGGAGTTGTTAAAGAAATCCCTATTACTCATCATGTTAAGGAAGGCTATGAGAAAGCAGATCCT
 GCACAGTTTGAGTTGCTCAAGGTTCTTGGTCAGGGTCATTTGAAAGGTTTTCTTGTAGAAAGAAGA
 CCGGTCCTGATGCTGGGAGCTCTATGCAATGAAGGTGTTAAAAAGCCTCTTAAAGTTTCGAGACAG
 AGTTCGGACAAAGATGGAGAGGGATATACTGGTGAAGTAAATCATCCATTTATTGTCAAATTGCACTAT
 GCCTTTCAGACTGAAGGAACTGTACTTAATACTGGATTTCTCAGGGAGGAGATGTTTTACAAGAT
 TATCAAAGAGGTTCTGTTACAGAGGAAGATGTAAATTCTACCTCGCAGAACTGGCCCTTGCTTGG
 TCATCTGCACCAATTAGGAATTGTTATAGAGACCTGAAGCCAGAAAACATTTTGCTTGATGAAATAGGA
 CATATCAAATTAACAGATTTTGGACTCAGCAAGGAGTCAGTAGATCAAGAAAAGAAGGCTTACTCATTTT
 GTGGTACAGTAGAGTATATGGCTCCTGAAGTAGTAAATAGGAGAGGCCATTCCCAGAGTGCTGATTGGTG
 GTCATATGGTGTCTTATGTTTGAATGCTTACTGGTACTCTGCCATTTCAAGGTAAAGACAGAAATGAG
 ACCATGAATATGATATTAAGCAAACTTGAATGCCTCAATTTCTTAGTGCTGAAGCAGAAAGCTTC
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 TCTGTTTTTGAATATTGACTGGGATAAATTATATAAGAGAGAGTTCAACCTCCTTCAAACCTGCT
 TCTGAAAACAGATGATACTTTTTGTTTGATCCTGAATTTACTGAAAAACACCTAAAGATTCTCCCG
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 TACATGCAACTACCAACATGGAATTTGCAGTGAAGATCATTGACAAAAGTAAGCGAGACCTTCAGAAGA
 GATTGAAATATTGATGCGCTATGGACAACATCCCAACATTATTACTTTGAAGGATGTCTTTGATGATGGT
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 GTTCTCGGAACGGGAGGCTAGTGATACTATATGTAATAAGTAAGACAGTTGACTATCTTCATTGTCA
 AGGAGTTGTTTCATCGTGATCTTAAACCTAGTAATTTTATACATGGATGAATCAGCCAGTGCAGATTCA
 ATCAGGATATGTATTTGGGTTTGAAAACAACCTTCGAGGAGAAAATGGAATCTCTTAACTCCATGCT
 ACACTGCAAACTTTGTTGCACCTGAGGTTCTTATGCAACAGGGATATGATGCTGCTTGTGATATCTGGAG
 TTTAGGAGTCCTTTTTACACAATGTTGGCTGGCTACACTCCATTTGCTAATGGCCCCAATGATACTCCT
 GAAGAGATACTGCTGCGTATAGGCAATGGAAAATTCTCTTTGAGTGGTGGAACTGGGACAATATTTAG
 ACGGAGCAAAGGATTTGCTTTCCCATATGCTTCATATGGACCCACATCAGCGGTATACTGCTGAACAAAT
 ATTAAGCACTCATGGATAACTCACAGAGACCAGTTGCCAAATGATCAGCCAAAGAGAAATGATGTGTCA
 CATGTTGTTAAGGGAGCAATGGTTGCAACATACTCTGCCCTGACTCACAAGACCTTTCAACCACTCTAG
 AGCCTGTAGCTGCTTCAAGCTTAGCCGACGACGGAGCATGAAAAGCGAACATCAACTGGCCTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211545 representing NM_014496 Red=Cloning site Green=Tags(s) MLPFAPQDEPWDERMEVFSGGGASSGEVNLKMYDEPMEEGEADSCHDEGVVKEIPITHHVKEGYEKADP AQFELLKVLGQGSFGKVLVRKKTGPDAGQLYAMKVLKASLKVRDRVRTKMERDILVEVNHPFIVKLHY AFQTEGKLYLILDFLRGGDVFTRLSKEVLFTEEDVKFYLAELALALDHLHQLGIVYRDLKPENILLDEIG HIKLTDFGLSKESVDQEKKAYSFCGTVEYMAPEVVNRRGHSQSADWWSYGVLMFEMLTGTLPFQGKDRNE TMNMILKAKLGMPQFLSAEAQSLRLMLFKRNPANRLGSEGVVEIKRHLFFANIDWDKLYKREVQPPFKPA SGKPDDTFCFDPEFTAKTPKDSPLPASANAHQLFKGFSFVATSIAEEYKITPITSANVLPVQINGNAA QFGEVYELKEDIGVGSYSVCKRCIHAATTNMEFAVKIIDKSKRDPSEEIEILMRYGQHPNIIITLKDVFDDG RYVYLVDLMMKGELLDRILKQKCFEREASDILYVISKTVDYLCQGVVHRDLKPSNIIYMDESASADS IRICDFGFAKQLRGENGLLLTPCYTANFVAPEVLMQQGYDAACDIWSLGVLFYTMLAGYTPFANGPNDTP EEILLRIGNGKFSLSGGNWDNISDGAKDLLSHMLHMDPHQRYTAEQILKHSWITHRDQLPNDQPKRNDVS HVVKGAMVATYSALTHKTFQPVLEPVAASSLAQRSMKKRTSTGL* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014496
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F6742
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_014496.1</u>
RefSeq Size:	2640 bp
RefSeq ORF:	2238 bp
Locus ID:	27330
UniProt ID:	<u>Q9UK32</u>
Cytogenetics:	Xq21.1
MW:	83.7 kDa