

Product datasheet for **RC200525A1V**

Human P70 S6 Kinase beta (RPS6KB2) (NM_003952) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human P70 S6 Kinase beta (RPS6KB2) (NM_003952) AAV Particle
Tag:	Myc-DDK
Symbol:	P70 S6 Kinase beta
Synonyms:	KLS; p70(S6K)-beta; P70-beta; P70-beta-1; P70-beta-2; p70S6Kb; S6K-beta2; S6K2; S6KB; S6Kbeta; S6KI(2); SRK; STK14B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200525 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCGTGTTTGGATTTGGATTTGGAGACGGAGGAAGGCAGCGAGGGCGAGGGCCAGCCAGAGCTCA
 GCCCGCGGACGCATGTCCCCTTGCCGAGTTGAGGGCAGCTGGCCTAGAGCCTGTGGGACACTATGAAGA
 GGTGGAGCTGACTGAGACCAGCGTGAACGTTGGCCAGAGCGCATCGGGCCCACTGCTTTGAGCTGCTG
 CGTGTGCTGGGCAAGGGGGGCTATGGCAAGGTGTTCCAGGTGCGAAAGGTGCAAGGCACCAACTTGGGCA
 AAATATATGCCATGAAAGTCCTAAGGAAGGCCAAAATTGTGCGCAATGCCAAGGACACAGCACACACAG
 GGCTGAGCGGAACATTCTAGAGTCAGTGAAGCACCCCTTTATTGTGAACTGGCCTATGCCTTCCAGACT
 GGTGGCAAACCTACCTCATCCTTGAGTGCCTCAGTGGTGGCGAGCTCTTACGCATCTGGAGCGAGAGG
 GCATCTTCTGGAAGATACGGCCTGCTTCTACCTGGCTGAGATCAGCTGGCCCTGGGCCATCTCCACTC
 CCAGGGCATCATCTACCGGACCTCAAGCCCGAGAACATCATGCTCAGCAGCCAGGGCCACATCAAAGT
 ACCGACTTTGGACTCTGCAAGGAGTCTATCCATGAGGGCGCCGCTCACTCACACCTTCTGCGGCACCATG
 AGTACATGGCCCTGAGATTCTGGTGGCAGTGGCCACAACCGGGCTGTGGACTGGTGGAGCCTGGGGGC
 CCTGATGTACGACATGCTCACTGGATCGCCGCCCTTTACCGCAGAGAACCAGGAAAACCATGGATAAG
 ATCATCAGGGGCAAGCTGGCACTGCCCCCTACCTCACCCAGATGCCCGGGACCTTGTCAAAAAGTTTC
 TGAAACGGAATCCCAGCCAGCGGATTGGGGGTGGCCAGGGGATGCTGCTGATGTGCAGAGACATCCCTT
 TTTCCGGCACATGAATTGGGACGACCTTCTGGCCTGGCGTGTGGACCCCTTTCAGGCCTGTCTGCAG
 TCAGAGGAGGACGTGAGCCAGTTTATACCCGCTTACACGGCAGACGCCGCTGGACAGTCTGCTGACAG
 CAGCCCTCAGCGAGAGTCCAACCGGCTTCTGGGCTTACACATACGTGGCGCGCTGCTGCTGACAG
 CATCAAGGAGGGCTTCTCCTCCAGCCCAAGCTGCGCTACCCAGGCGCCTCAACAGTAGCCCCCGGGTC
 CCCGTCAGCCCTCAAGTTCTCCCTTTTGGGGTTTCGGCCAGCCCGCCTGCCGAGCCACGG
 AGCTACCTCTACCTCCACTCTGCCACCGCCGCCCTCGACCACCGCCCTCTCCCATCCGTCGCC
 CTCAGGGACCAAGAAGTCCAAGAGGGGCGTGGGCGTCCAGGGCGC

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200525 protein sequence
 Red=Cloning site Green=Tags(s)

MAAVFDLDLETEEGSEGEPELSPADACPLAELRAAGLEPVGHYEEVELTETSVNVGPERIGPHCFELL
 RVLGKGGYGVFQVRKVQGTNLGKIYAMKVLKAKIVRNAKDTAHTRAERNILESVKHPFIVELAYAFQT
 GGKLYLILECLSGGELFTHLEREGIFLEDTACFYLAELITLALGHLHSQGIYRDLKPENIMLSSQGHKIL
 TDFGLCKESIHEGAVTHFCGTIEYMAPEILVRSGHNRADVWWSL GALMYDMLTGSPPTAENRKTMDK
 IIRGKLALPPYLTPDARDLVKKFLKRNPSQRIGGGPGDAADVQRHPFFRHMNWDLLAWRVDPFRPCLQ
 SEEDVVSQFDTRFTRQTPVDSDDTALSESANQAF LGFTYVAPSVLDSIKEGFSFQPKLRSPRRLNSSPRV
 PVSPLKFSPEGFPRPSPSLPEPTELPLPPLPPPPSTTAPLIRPPSGTKKSKRGRGRPGR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_003952

ORF Size:

1446 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_003952.2, NP_003943.2</u>
RefSeq Size:	1782 bp
RefSeq ORF:	1449 bp
Locus ID:	6199
UniProt ID:	<u>Q9UBS0</u>
Cytogenetics:	11q13.2
MW:	53.5 kDa