

Product datasheet for **RC212570A1V**

Human MSK2 / RSK-B (RPS6KA4) (NM_003942) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MSK2 / RSK-B (RPS6KA4) (NM_003942) AAV Particle
Tag:	Myc-DDK
Symbol:	RPS6KA4
Synonyms:	MSK2; RSK-B; S6K-alpha-4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide
Sequence:

>RC212570 representing NM_003942
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGGGGGACGAGGACGACGATGAGAGCTGCGCCGTGGAGCTGCGGATCACAGAAGCCAACCTGACCGGGC
ACGAGGAGAAGGTGAGCGTGGAGAACTTCGAGCTGCTCAAGGTGCTGGGCACGGGAGCCTACGGCAAGGT
GTTCTGCTGCGGAAGGCGGGCGGGCACGACGCGGGAAGCTGTACGCCATGAAGGTGCTGCGCAAGGCG
GCGCTGGTGCAGCGGCCAAGACGCAAGAGCACACGCGCACCGAGCGCTCGGTGCTGGAGCTGGTGCGCC
AGGCGCCCTTCTGGTCACTGCTGACTACGCTTCCAGACGGATGCCAAGCTGCACCTCATCTGGACTA
TGTGAGCGGGGAGATGTTACCCACCTCTACCAGCGCCAGTACTTCAAGGAGGTGAGGTGCGCGTG
TATGGGGTGAGATCGTCTGGCCCTGGAACACCTGCACAAGCTCGGCATCATTTACCGAGACCTGAAAC
TGGAGAATGTGCTGCTGACTCCGAGGGCCACATTGTCCTCACGACTTCGGGCTGAGCAAGGAGTTCCT
GACGGAGGAGAAAGAGCGGACCTTCTCCTTCTGTGGCACCATCGAGTACATGGCCCCGAAATCATCCGT
AGCAAGACGGGCGATGGCAAGGCTGTGGACTGGTGGAGCTGGGCATCTTGCTCTTCGAGCTGCTGACGG
GGGCTCGCCCTTCAACCTGGAGGGCGAGAGGAACACGAGGCTGAGGTGTCTCGACGGATCCTGAAGTG
CTCCCCCTCCCTTCCCCCTCGGATCGGGCCCGTGGCGCAGGACCTGCTGCAGCGGCTGCTTTGAAGGAT
CCTAAGAAGCGATTGGGCGGGGGCCCCAGGGGCGACAAGAAGTCGGAACCATCCCTTCTTCCAGGGCC
TCGATTGGGTGGCTCTGGCTGCCAGGAAGATTCAGCCCCATTCCGGCCCCAAATCCGCTCAGAGCTGGA
TGTGGGCAACTTTGCGGAGGAATTCACGCGCTGGAGCCTGTCTACTACCCCTTGGCAGCCCCCACCT
GGGACCCCCGAATCTTTCAGGGATACTCCTTTGTGGCACCCTCCATTCTCTTGACCACAACAACGCGG
TGATGACCGATGGGCTGGAAGCGCTGGTGTGGAGACCGGCCAGGTGGGCGAGCGGTGGCCAGGAGCGC
TATGATGCAGGACTCGCCCTTCTTCCAGCAGTACGAGCTGGACCTGCGGGAGCCTGCGCTGGGCCAGGGC
AGCTTTTCTGTGTGTCGCGCTGCCGCCAGCGCCAGAGCGGCCAGGAGTTCGAGTCAAGATCCTCAGTC
GCAGGCTGGAGGCGAACACGACGCGCGAAGTGGCTGCCCTGCGCTGTGCCAGTACACCCCCAACGTGGT
GAATCTGCAGAGGTGCATCACGACGCTGCACACGTACCTGGTCTGGAGCTGCTGCGGGCGGGGAG
CTGCTGGAGCACATCCGCAAGAAGCGGCACTTCAGCGAGTCGGAAGCAAGCCAGATCCTGCGCAGCCTCG
TGTCGGCCGTGAGCTTCATGCAGAGGAGGCGGGCGTGGTGCACCGCGACCTCAAGCCGAGAACATCCT
GTACGCCGACGACACGCCGGGGCCCCGGTGAATATCATGACTTCGGGTTGCGCGGTTGCGGGCCGAG
AGTCCCGGGGTGCCATGCAGACGCCCTGCTTACGCTGCAGTACGCTGCCCCGAGCTGCTGGCGCAGC
AGGGCTACGACGAGTCTGCGACCTCTGGAGCCTGGGCGTCATTCTGTACATGATGCTGTGCGGGCAGGT
CCCCCTTCCAGGGGCTCTGGCCAGGGCGGGCAGAGCCAGGCGGCCGAGATCATGTGCAAAATCCGCGAG
GGGCGCTTCTCCCTTGACGGGGAGGCTGGCAGGGTGTATCCGAGGAAGCCAAGGAGTGGTCCGAGGGC
TCCTGACCGTGGACCCCGCCAAGCGGCTGAAGCTCGAGGGAGTGGGGGAGCTCGTGGCTGCAGGACGG
CAGCGCGCGCTCCTCGCCCCGCTCCGACGCCGACGTGCTCGAGTCTCTGGGCCCGCAGTGCCTCG
GGTCTCAACGCCACCTTCATGGCATTCAACCGGGGCAAGCGGGAGGGCTTCTTCTGAAGAGCGTGGAGA
ATGACCCCTGGCCAAGCGGCGGAAGCAGAAGTGGGAGCGCCACCGCCTCCCGCGGGGCTCCCTGC
ACCAGCCAACCGGGCGAGCCCCGTGCCTCCAAGGGGCCCCCGCGAGCCAACGGCCCCCTGCC
CCCTCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC212570 representing NM_003942 Red=Cloning site Green=Tags(s) MGDEDDDESCAVELRITEANLTGHEEKVSVENFELLKVLGTGAYGKVFLVRKAGGHDAGKLYAMKVLKKA ALVQRAKTQEHTRTERSVLELVRQAPFLVTLHYAFQTDAKLHLILDYVSGGEMFTHLYQRQYFKEAEVRV YGGEIVLALAEHLHKLGIYRDLKLENVLLDSEGHIVLTDFGLSKEFLTEEKERTFSFCGTIEYMAPEIIR SKTGHGKAVDWWSLGILLFELLTGASPTLEGERNTQAEVSRRLKCSPPFPFPRIGPVAQDLLQRLLCKD PKKRLGAGPQGAQEVNRNHPFFQGLDWVALAARKIPAPFRPQIRSELVGNFAEEFTRLEPVYSPPGSPPP GDPRIFQGYSFVAPSILFDHNNVMTDGLEAPGAGDRPGRAAVARSAMMQDSPFFQGYELDLREPALGQG SFSVCRRCRQRQSGQEFVAVKILSRRLEANTQREVAALRLCQSHPNVNLHEVHHDQLHTYLVEELLRGGE LLEHIRKKRHFSESEASQILRSLVSAVSFMHEEAGVVHRDLKPENILYADDTPGAPVKIIDFGFARLRPQ SPGVPMQTPCFTLQYAAPELLAQQGYDESCDLWSLGVILYMLSGQVPFQGASGQGGQSQAEEIMCKIRE GRFSLDGEAWQGVSEEAKEKELVRGLLTVDPAKRLKLEGLRGSSWLQDGSARSSPPLRTPDVLESSGPAVRS GLNATFMAFNRGKREGFFLKSVENAPLAKRRKQKLRSATASRRGSPAPANPGRAPVASKGAPRRANGPLP PSTRTRPLEQKLISEEDLAANDILDYKDDDDKV* TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_003942
ORF Size:	2316 bp
Buffer:	PBS with 0.001% Pluronic F6903
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_003942.2</u>
RefSeq Size:	3149 bp
RefSeq ORF:	2319 bp
Locus ID:	8986
UniProt ID:	<u>O75676</u>
Cytogenetics:	11q13.1
MW:	85.4 kDa