

Product datasheet for **RC200549A1V**

Human MSK1 (RPS6KA5) (NM_182398) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MSK1 (RPS6KA5) (NM_182398) AAV Particle
Tag:	Myc-DDK
Symbol:	MSK1
Synonyms:	MSK1; MSPK1; RLPK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC200549 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGGAGGAGGGTGGCAGCAGCGCGCGCCCGGGGACCAGCGCGGACGGCGGCACGGAGGAGAGC
 AGCTCCTCACTGTCAAGCACGAGCTGCGGACTGCTAATTTGACAGGACATGCTGAGAAGGTGGGAATAGA
 AAATTTTGAGCTCCTGAAGTCTTAGGAACTGGAGCTTATGAAAAAGTATTTCTAGTTCGTAATAAAGT
 GGCCATGATACTGGAAAGCTGTATGCCATGAAAGTTTTGAAAAAGGCAACAATCGTTCAAAAGGCCAAAA
 CCACAGAGCATAACAAGGACAGAACGACAAGTCTGGAACACATTAGGCAGTCGCCATTTTGGTAACATT
 ACATTATGCTTCCAGACAGAAACAACTTCATCTCATTTTAGATTATATAAATGGTGGTGAACTTTTT
 ACTCATCTTTCTCAAAGAGAGCGTTTCCACAGAGCATGAGGTGCAGATTTATGTTGGAGAGATTGTGCTTG
 CCCTCGAACATCTCCACAAGTTGGGATTATATATCGTGATTAAGCTTGAGAAATTTCTACTTGATTC
 TAATGGCCATGTGGTGTGACAGATTTTGGTCTGAGTAAGGAGTTTGTGGCTGATGAACTGAAAGAGCA
 TATTCCTTTTGTGGAACATTGAATACATGGCACCAGATATTGTGAGGGGGGAGATTCAGGACATGACA
 AGGCAGTTGACTGGTGGAGTTTGGGTGTTCTAATGTATGAATTAATACTGAGCATCTCCTTCACTGT
 TGATGGAGAAAAAATCCCAAGCTGAGATATCTAGGAGAATATTAAGAGTGAAGCTCCATATCCCAA
 GAAATGAGTGTCTTAGCGAAAGACCTAATTCAGCGTCTTTTGTGAAAGATCCCAAGAAGAGATTGGGAT
 GTGGTCCACGTGATGCAGATGAAATCAAAGAACATCTCTTCTTTCAGAAAATAAATTGGGATGATTTAGC
 CGCCAAAAAAGTGCTGCACCATTTAAGCCAGTCATTCGAGATGAATTAGATGTGAGTAACTTTGCAGAA
 GAGTTCACAGAAATGGATCCCCTTATCTCCCGCAGCCCTGCCCCAGAGTTCTGAGAAGCTGTTTCAGG
 GCTATTCCTTTTGTGCTCCTCCATCCTATTCAAGCGTAATGCAGCTGTCATAGACCCCTTTCAGTTTCA
 CATGGGAGTTGAACGTCTGGAGTGACAAATGTTGCCAGGAGTGAATGATGAAGGACTCTCCATTCTAT
 CAACACTATGACCTAGATTTGAAGGACAAACCCCTGGGAGAAAGTGTGTTTTCAATTTGTCGAAAGTGTG
 TGCATAAAAAAAGTAACCAAGCTTTTGCAGTCAAAATAATCAGCAAAAGGATGGAAGCCAATACTCAAAA
 GGAAATAACAGCTCTGAAACTCTGTGAAGGACACCCCAATATTGTGAAGTTGCATGAAGTTTTTCATGAT
 CAGCTTACACGTTTCTAGTGTGAACTTCTGAATGGAGGAGAACTGTTTGAGCGCATTAAAGAAAAAGA
 AGCACTTCAGTGAGACGGAAGCCAGCTACATCATGAGGAAGCTTGTTCAGCTGTAAAGCCACATGCATGA
 TGTTGGAGTGGTGCACAGGGATCTGAAACCTGAGGTA

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200549 protein sequence
 Red=Cloning site Green=Tags(s)

MEEEGSSGGAAGTSADGGDGGEQLLTVKHELRTANLTGHAEKVGIENFELLKVLGTGAYGKVFVLRKIS
 GHDTGKLYAMKVLKATIVQKAKTTEHTRTERQVLEHIRQSPFLVTLHYAFQTEKLHLILDYINGGELF
 THLSQRERFTEHEVQIYVGEIVLALHLHKLGIYRDIKLENILLDSNGHVVLDFGLSKEFVADETERA
 YSFCGTIYMAPDIVRGGDSGHDKAVDWWSLGLVMEYLLTGASPTVDGKNSQAEISRRILKSEPPYPQ
 EMSALAKDLIQRLMKDPKRLGCGPRDADEIKEHLFFQKINWDDLAAKKVPAPFKPVIRDELVDNSFAE
 EFTMDPTYS PAALPQSSEKLFQGSFVAPSILFKRNAVIDPLQFHMVVERPGVTNVAR SAMMKDSPFY
 QHYDLDLKDKPLGEGSFSICRKC VHKSNQAFVVKIISKRMEANTQKEITALKLCEGHPNIVKLHEVFHD
 QLHTFLVMELLNGGELFERIKKKKHFSETEASYIMRKLVS AVSHMHDVGVVHRDLKPEV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_182398

ORF Size:	1647 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_182398.1</u>
RefSeq Size:	2343 bp
RefSeq ORF:	1650 bp
Locus ID:	9252
UniProt ID:	<u>O75582</u>
Cytogenetics:	14q32.11
MW:	61.8 kDa