

Product datasheet for **MR227425A1V**

Mouse Rps6ka1 (NM_009097) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Rps6ka1 (NM_009097) AAV Particle
Tag:	Myc-DDK
Symbol:	Rps6ka1
Synonyms:	Mapkapk-1a; p90-Rsk1; p90rsk; p90Rsk1; p90S6K; Rsk; Rsk-1; Rsk1; S6K-alpha-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227425 representing NM_009097
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGCTCGCCAGCTCAAGGAGCCCTGGCCGCTCATGGAGCTGGTGCCGCTGGACCCGGAGAATGGCC
 AGACTTCAGGGGAAGAAGCTGGACTTCAGCCATCCAAGGATGAGGCCATCCTCAAGGAGATCTCCATCAC
 ACACCAGTCAAGGCTGGCTCTGAGAAGGCCGATCCATCCAGTTTGAGCTCCTCAAGGTTCTGGGCCAA
 GGATCCTTTGGCAAAGTCTTCTGGTACGCAAGGTACCCGGCCTGACAGTGGGCACTTGTATGCCATGA
 AAGTATTAAGAAGGCCACGCTGAAAGTGCCTGACCGTGTTCGGACCAAGATGGAGAGAGACATCCTCGC
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 CTGGACTTCTGCGTGGTGGAGACCTGTTACACGGCTCTCAAAGGAGGTGATGTTTACAGAGGAGGATG
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 GGGCTCCCTGCCCTTCCAGGGGAAGGACCGGAAGGAGACCATGACCTTGATTTTGAAGGCGAAGCTAGGC
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 AAGGAGACGATCGGCGTGGGCTCCTACTCTGTGTGAAGCGTTGTGTCCACAAGGCCACCAACATGGAGT
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 ACCCAGTAACATCCTCTATGTGGATGAGTCTGGGAACCCCGAGTGCCTGCGCATCTGCGACTTTGGCTTT
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 AGGTGCTGAAGCGCCAGGGCTACGATGAAGGCTGTGACATATGGAGCCTGGGCATTCTGCTGTACACGAT
 GCTGGCAGGATACACTCCATTTGCCAATGGGCCAGTGACACCCAGAGGAGATCCTCACCCGGATCGGC
 AGCGGGAAGTTCACCCTCAGTGGGGGAACTGGAACACGGTTTCAGAGACAGCCAAGGACTTGGTATCTA
 AGATGCTGCATGTGGACCCCAACAGCGCTCAGCCAAGCAGGTCTGCAGCACCCATGGATACCCCA
 GAAAGACAAGCTTCCCCAGAGCCAGTTGTCCACCAAGACCTGCAGCTCGTGAAGGGAGCCATGGCGGCT
 ACATACTCTGCTCTAATAGCTCCAAACCCACCCCTCAGCTCAAGCCAATTGAGTCGTCTATCCTGGCCC
 AGCGGCGGGTGAGGAAGCTGCCATCCACCACCTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR227425 representing NM_009097 Red=Cloning site Green=Tags(s) MPLAQLKEPWPLMELVPLDPENGQTSGEELQPSKDEAILKEISITHHVKAGSEKADPSQFELLKVLGQ GSFGKVFLVRKVTRPDSGHLIYAMKVLKKATLKVRDRVRTKMERDILADVNHPFVVKLHYAFQTEGKLYLI LDLFLRGDDLFTRLSKEVMFTEEDVKFYLAELALGLDHLHSLGIIYRDLKPENILLDEEGHIKLTDFGLSK EAIDHEKKAYSFCGTVEYMAPEVVNRQGHHSADWWSYGVLMFEMLTGSLPFQGGKDRKETMTLILKAKLG MPQFLSTEAQSLRLALFKRNPANRLGSGPDGAEEIKRHIFYSTIDWNKLYRREIKPPFKPAVAQPDFTFY FDTEFTSRTPRDSPGIPPSAGAHQLFRGFSFVATGLMEDDGKPRTTQAPLHHSVQQLHGKNLVFSDGYVV KETIGVGSYSVCKRCHKATNMEYAVKVIDKSKRDPSEEIEILLRYGQHPNIIITLKDVEDDGKHVYLVTE LMRGGELLDKILRQKFFSEREASFVLTISKTEYVLSQGVVHRDLKPSNIIYVDESGNPECLRICDFGF AKQLRAENGLLMTPCYTANFVAPEVLKRQGYDEGCDIWSLGILLYTMLAGYTPFANGPSDTPPEILTRIG SGKFTLSGGNWNVTSETAKDLVSKMLHVDPHQRLTAKQVLQHPWITQDKLPQSQLSHQDLQLVKGAMAA TYSALNSSKPTPQLKPIESSILAQRVRKLPSTTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_009097
ORF Size:	2205 bp
Buffer:	PBS with 0.001% Pluronic F4278
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_009097.4, NP_033123.2</u>
RefSeq Size:	3153 bp
RefSeq ORF:	2208 bp
Locus ID:	20111
Cytogenetics:	4 D2.3
MW:	83.3 kDa