

Product datasheet for **RC213532A1V**

Human MAK (NM_005906) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MAK (NM_005906) AAV Particle
Tag:	Myc-DDK
Symbol:	MAK
Synonyms:	RP62
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC213532 representing NM_005906
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAACCGATACACAACCATGAGACAGTTGGGGGACGGCACGTATGGAGTGTGCTTATGGCAAGAGTA
 ATGAATCCGGGAGCTGGTGGCCATCAAAGGATGAAGAGAAAGTTCTATTCTTGGGATGAATGCATGAA
 CTTGAGAGAAGTTAAGTCTCTGAAGAACTTAATCATGCCAATGTTATTAATGAAAGAAGTTATCAGA
 GAAATGACCATCTTTATTTTATATTTGAATATATGAAAGAAAACCTCTATCAATTAATGAAAGACAGAA
 ACAAGTTGTTCCCTGAATCAGTCATCAGAAATATTATGTATCAAATATTGCAAGGGCTGGCTTTTATCCA
 TAAACATGGCTTTTTTTCATAGGGACATGAAACCAGAAAACCTGCTTTGTATGGGTCCAGAGCTTGTGAAA
 ATTGCTGATTTTGGACTTGAAGAGAATTAAGGTCACAGCCACCATACTGATTATGTATCTACCAGAT
 GGTATCGTGCCCTGAAGTTTACTGAGATCTTCAGTTTATAGTTCTCCATTGATGTGTGGGCTGTTGG
 AAGTATCATGGCTGAACCTCTATATGTTAAGGCCACTTTTCCAGGGACAAGTGAAGTTCGATGAAATCTTT
 AAAATTTGCCAAGTTTATAGGGACTCCCAAAAAAAGTACTGGCCAGAAGGATACAGCTGGCATCTCTTA
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 TATTCAGCTCATGACCGAAATGTTGAATTGGGATCCAAAGAAACGACCGACAGCAAGCCAGGCATTGAAA
 CACCCATATTTCAAGTTGGTCAGGTATTAGGCCCTTCGTCAAATCATCTGGAATCAAAACAGCTTTTAA
 ATAAGCAGCTGCAACCATTAAGTCAAAGCCATCTTTAGTTGAGGTAGAGCCTAAGCCTCTGCCGGATAT
 AATCGATCAGGTGTTGGACAACCCAGCCAAAACTAGCCAGCAGCCACTGCAGCCATTACAGCCGCCA
 CAGAACCTGAGCGTCCAGCAACCTCCAAAGCAACAGAGTCAGGAGAAACCGCCACAAACGCTATTCCTCGA
 GCATCGTCAAAAACATGCCAACTAAGCCAAATGGCACACTGAGTCATAAAAGTGGTAGGAGGCGTTGGGG
 TCAGACTATCTTCAAGTCTGGAGATAGCTGGGAAGAGTTGGAGGACTATGATTTTCGGAGCCTCCCATTC
 AAGAAGCCAAGCATGGGTGTTTTTAAAGAAAAAAGGAAAAAAGATTCTCCATTTCCGCTTCCAGGCCAG
 TACCCTCAGGCTCCAACCACTCGACAGGGGAAAAACAAGAGCTTACCTGCTGTTACTTCCCTAAAACTGA
 TTCCGAATTGTCAACTGCTCAACCTCTAAACAGTACTACTTGAACAATCAAGATATCTTCCAGGTGTG
 AATCCCAAGAAGGTGCTTGTAGCCAGTGGAAAGGAAATAAACCCCACTTGGAGCAACCAAGTTAT
 TCCCAAGTCACTGGGACCCGTTGGGGCAGAACTTGCTTTCAAAGGAGCAATGCAGGAAATCTTGAAG
 TTATGCTACTTACAATCAGTCAGGATATATTCTTCTTTCTCAAAAAAGAGTGCAGTCAGCTGCCAG
 AGGATCCACTTAGCACCTCTCAATGCAACGGCTTCAGAATATACCTGGAACACAAAACTGGTCGGGGGC
 AGTTTTTCAGGACGTACTTATAATCCTACAGCAAAAAACCTAAATATTGTGAACCGTGCACAGCCATTCC
 CTCAGTGCACGGGAGGACAGACTGGGTGGCCAAGTATGGAGGCCACCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC213532 representing NM_005906
 Red=Cloning site Green=Tags(s)

MNRYTTMRQLGDGTGYSVLMGKSNESEGELVAIKRMKRKFYSWDECMNLREVKSLKLNHANVIKLKEVIR
 ENDHLYFIFEYMKENLYQLMKDRNKLFPESVIRNIMYQILQGLAFIHKHGFHHRDMKPENLLCMGPPELVK
 IADFLARELRSQPPYTDYVSTRWYRAPEVLLRSSVYSSPIDVWAVGSIMAEYMLRPLFPGTSEVDEIF
 KICQVLGTPKSDWPEGYQLASSMNFQPCVPINLKLIPNASNEAIQLMTEMLNWDPKKRPTASQALK
 HPYFQVGVLPSSNHLESQSLNKQLPLESKPSLVEVEPKLPDIIDQVVGQPQPKTSQQPLQPIQPP
 QNLSVQPPKQSQEQKPPQTLFPSIVKNMPTKPNGTLSHKSGRRRWGQTIFKSGDSWEELEDYDFGASHS
 KKPSMGVFKKRRKDSFRLPEPVPSGNSHSTGENKSLPAVTSLSKSDSELSTAPTSKYLLKQSYRLPGV
 NPKKVSILIASGKEINPHTWSNQLFPKSLGPVGAELAFKRSNAGNLGSYATYNQSGYIPSLKKEVQSAGQ
 RIHLAPLNATASEYTWNTKTGRQFSGRTYNPTAKNLNIVNRAQIPSVHGRDWDVAKYGGHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_005906
ORF Size:	1869 bp
Buffer:	PBS with 0.001% Pluronic F7068
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_005906.3</u>
RefSeq Size:	3830 bp
RefSeq ORF:	1872 bp
Locus ID:	4117
UniProt ID:	<u>P20794</u>
Cytogenetics:	6p24.2
MW:	70.4 kDa