

Product datasheet for **RC200069A1V**

Human ZAK (MAP3K20) (NM_133646) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ZAK (MAP3K20) (NM_133646) AAV Particle
Tag:	Myc-DDK
Symbol:	ZAK
Synonyms:	AZK; CNM6; MLK7; mlklak; MLT; MLTK; MLTKalpha; MLTKbeta; MRK; pk; SFMMP; ZAK
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC200069 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGTCGCTCTCGGTGCCTCCTTTGTGCAAATTAATTTGATGACTTGCAGTTTTTTGAAAACGCGGTG
GAGGAAGTTTTGGGAGTGTTCATCGAGCCAAATGGATATCACAGGACAAGGAGGTGGCTGTAAAGAAGCT
CCTCAAATAGAGAAAGAGGCAGAAATACTCAGTGTCTCAGTCACAGAAACATCATCCAGTTTTATGGA
GTAATTCCTGAACCTCCCAACTATGGCATTGTACAGAATATGCTTCTCTGGGATCACTCTATGATTACA
TTAACAGTAACAGAAGTGAGGAGATGGATATGGATCACATTATGACCTGGGCCACTGATGTAGCCAAAGG
AATGCATTATTTACATATGGAGGCTCCTGTCAAGGTGATTACAGAGACCTCAAGTCAAGAAACGTTGTT
ATAGCTGCTGATGGAGTATTGAAGATCTGTGACTTTGGTGCCTCTCGTTCCATAACCATAACACACA
TGTCTTGGTTGGAACCTTCCCATGGATGGCTCCAGAAGTTATCCAGAGTCTCCCTGTGCAGAAACTTG
TGACACATATTCTATGGTGTGGTTCTCTGGGAGATGTAACAAGGGAGGTCCCCTTTAAAGTTTGAA
GGATTACAAGTAGCTTGGCTTGTAGTGGAAAAAACGAGAGATTAACCATTCCAAGCAGTTGCCCCAGAA
GTTTTGCTGAAGTGTACATCAGTGTGGGAAGCTGATGCCAAGAAACGCCATCATTCAAGCAAATCAT
TTCAATCCTGGAGTCCATGTCAAATGACACGAGCCTTCTGACAAGTGTAACTCATTCTACACAACAAG
GCGGAGTGGAGGTGCGAAATTGAGGCAACTCTTGAGAGGCTAAAGAACTAGAGCGTGATCTCAGCTTTA
AGGAGCAGGAGCTTAAGAACGAGAAAGACGTTTAAAGATGTGGGAGCAAAAGCTGACAGAGCAGTCCAA
CACCCCGCTTCTCTTGCCTCTTGCTGCAAGAATGTCTGAGGAGTCTTACTTTGAATCTAAACAGAGGAG
TCAAACAGTGCAGAGATGTATGTGATGATCACAGCAACAAGTAACGGGGAGGGCCATGGCATGAACCCAA
GTCTGCAGGCCATGATGCTGATGGGCTTTGGGGATATCTTCTCAATGAACAAAGCAGGAGCTGTGATGCA
TTCTGGGATGCAGATAAACATGCAAGCCAAGCAGAATTCTTCCAAAACCATCTAAGAGAAGGGGGAAG
AAAGTCAACATGGCTCTGGGTTCAAGTATTTGACTTGTGAGAGGTGACGATGATGATGATGACG
GTGAGGAGGAGGATAATGACATGGATAATAGTGAA

 A**CGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200069 protein sequence

Red=Cloning site Green=Tags(s)

 MSSLGASFVQIKFDDLQFFENCSSGSGSVYRAKWISQDKEVAVKLLKIEKEAEILSVLSHRNIIQFYG
VILEPPNYGIVTEYASLGSLYDYINSNRSEMDMDHIMTWATDVAKGMHYLHMEAPVKVIHRDLKSRNVV
IAADGVLKICDFGASRFHNHTHMSLVGTFPWMAPEVIQSLPVSETCDTYSYGVVLWEMLTREVFPKGLE
GLQVAWLVEKNERLTIPSSCPRSFAELLHQWEADAKKRPSFKQIISILESMSNDTSLPDKCNSFLHNK
AEWRCEIEATLERLKKLERDLFKEQELKERERRLKMWEQKLTQSNTPLLLPLAARMSEESYFESKTEE
SNSAEMSCQITATSNGEGHGMNPSLQAMMLMGFGDIFSMNKAGAVMHSGMQINMQAKQNSSKTTSKRRGK
KYNMALGFSDFDLSEGDDDDDDGEEEDNDMDNSE

 TR**TRPLEQKLISEEDLA**NDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_133646

ORF Size:

1365 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_133646.2</u>
RefSeq Size:	7194 bp
RefSeq ORF:	1368 bp
Locus ID:	51776
UniProt ID:	<u>Q9NYL2</u>
Cytogenetics:	2q31.1
MW:	51.6 kDa