

Product datasheet for **MR207406A1V**

Mouse Mkl (NM_029005) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mkl (NM_029005) AAV Particle
Tag:	Myc-DDK
Symbol:	Mkl
Synonyms:	9130019I15Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207406 ORF sequence

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

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGGATAAATTGGGACAGATCATCAAGTTAGGCCAGCTCATCTATGAACAGTGTGAAAAGATGAAATACT
GCCGGAACAATGCCAGCGTCTAGGAAACCGTGTGCACGCGCTGCTACAGCCTCTCCAGAGACTCCAGGC
CCAAGGAAAGAAGAACCTGCCCGATGACATTACTGCTGCCCTGGGCCGTTTTGATGAAGTCTGAAGGAG
GCTAACAGCAGATAGAAAAGTTCAGCAAGAAGTCCCATATTTGGAAGTTTGAGTGTGGGCAATGATA
AGATCCTCTTCCATGAAGTGAATGAGAAGCTGAGAGACGTCTGGGAGGAGCTGTTGCTGCTGCTTCAGGT
TTATCATTGGAATACCGTTTCAGATGTCAGCCAGCCAGCATCCTGGCAGCAGGAAGATCGACAGGATGCA
GAGGAAGACGGAATGAAAATATGAAAGTTATCCTGATGCAGTTGCAAAATAGCGTGGAAGAAATCAACA
AAACCTGAAGCAATGCTCACTAAACCCACACAGGAGATCCACAAGATCTCCAAATCAAGGAGATTCC
AAAGGAACATCTTGGACCTCCGTGGACCAAACTGAAGACAAGTAAATGAGCACCATTATAGAGGAGAG
TATCACAGATCTCCAGTTACCATCAAAGTATCAACAACCCCGAGGCCGAAAGTGTGGAATAGTGAGGT
TCACTTTCAATGACGAGATCAAAACCATGAAGAAATTCGATTCTCCCAACATCTTGCATATATTTGGGAT
TTGCATTGATCAACAGTGAAGCCCCCTGAGTTCTCCATTGTCATGGAGTACTGTGAACCTTGAACCCCTG
AGGGAAGTCTGGATAGAGAAAAGACCTCACAATGAGTGTGCGCAGCCTCCTAGTCTGAGGGCAGCCA
GAGGCTTATACAGGCTACACCATTCGGAACACTCCACAGAAACATCAGCAGCTCCAGTTTCTCGTAGC
CGGAGGCTACCAAGTAAAGCTTGCAGGATTTGAGTTAAGCAAAACACAGAATTCATCAGCCGGACAGCA
AAGAGCACTAAGCAGAGAGATCCAGTTCAACGATATATGTCTCCCTGAGAGACTGAAAAATCCATTTT
GCCTTTATGACATAAAAGCTGAAATATATAGCTTTGGAATTGTACTCTGGGAAATGCCACTGGAAGAT
CCCATTTGAAGGCTGTGATTCTAAGAAGATCCGGGAGCTGGTGGCTGAGGACAAGAAGCAGGAACCAAGT
GGTCAGGATTGCCCTGAGTTGTTGCGGGAATCATTAATGAGTGTGCTGCCCATGAGCCCTCCCAACGGC
CCTCTGTGGACGAATCTTGAGAGACTGTCTGCGTTGAAGAATCCACGGACAAGAAGGTG

 A**CGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207406 protein sequence

Red=Cloning site Green=Tags(s)

 MDKLGQIIKLGLIYEQCEKMKYCRKQCQRLGNRVHGLLQPLQRLQAQGKKNLPPDITAALGRFDEVLKE
ANQQIEKFSKKSHIWKVSVGNDKILFHEVNEKLRDVWEELLLLQVYHWNTVSDVSPASWQEDRQDA
EEDGNENMKVILMQLQISVEEINKTLKQCSLKPTQEIPQDLQIKEIPKEHLGPPWTKLTKSKMSTIYRGE
YHRSPVTIKVFNNPQAESVGIVRFTFNDEIKTMKKFDSNLRIFGICIDQTVKPPEFSIVMEYCELGTL
RELLDREKDLTMSVRSLVLRAARGLYRLHHSETLHRNIISSSSFLVAGGYQVKLAGFELSKTQNSISRTA
KSTKAERSSSTIYVSPERLKNPFCLYDIKAEIYSFGIVLWEIATGKIPFEGCDSSKIRELVAEDKKQEPV
GQDCPELLREIINECRAHEPSQRPSVDGILERLSAVEESTDKKV

 TRTRPLE**QKLISEEDLA**NDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_029005

ORF Size:

1392 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_029005.1</u>
RefSeq Size:	1702 bp
RefSeq ORF:	1395 bp
Locus ID:	74568
UniProt ID:	<u>Q9D2Y4</u>
Cytogenetics:	8 E1
MW:	53.4 kDa