

Product datasheet for **MR217117A1V**

Mouse Mier1 (NM_001039081) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Mier1
Synonyms:	4933425I22Rik; 5830411K19Rik; erl
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR217117 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGCGGAGCCATCTGTTGAGTCTTCAAGTCCAGGAGGCTCAGCAACATCAGAGGACCATGAGTTTGATC
 CATCAGCTGACATGCTGGTTCATGATTTTATGATGAGCGAACATTAGAAGAAGAAGAAATGATGGAAGG
 AGAGACAACTTCAGTTCTGAAATAGAGGATCTTGCGAGGGAAGGCGACATGCCAATCCACGAGCTGCTC
 AGCCTCTATGGTTATGACAGCACTGTTTCGGTTACCTGAGGAAGAGGAGGAGGAAGAGGAGGAGGAAG
 GTGAAGATGATGAAGATGCTGATAATGATGATAACAGTGGCTGTAGTGGAGAAAATAAGAAGAGAATAT
 AAAGGATTTCATCGGGTCAGGAGGATGAACTCAGTCTTCCAATGATGATCCCTCACAGTCTGTTACTTCC
 CAAGATGCTCAGGAAATAATCCGCCACGTCGATGTAATATTTTGATACAAATAGTAAATAGAAGAAG
 AATCTGAAGAAGATGAAGATTATATCCCTCAGAAGACTGGAAAAAGGAATCATGGTGGGCTCCATGTT
 TCAAGCTGAGATTCAGTTGGTGGTTGTAGATACAAAGAAAATGAAAAGTGTATGAAAATGATGATCAG
 CTTCTGTGGGATCCAGAGTGTTCACAGAAGAGAAAAGTGGTTGTCTTTCTTAAGGATGCGTCTAGAAGGA
 CAGGGGATGAGAAAGGTGTGGAAGCGATCCCTGAAGGCTCGCATATCAAAGACAATGAGCAGGCTTTATA
 TGAGTTGGTTAAATGCAGCTTTGATACGGAAGAAGCCTTGAGAAGACTGAGATTTAATGTCAAAGCAGCT
 CGAGAGGAGTTATCTGTGTGGACAGAGGAAGAGTGTAGAAATTTGAGCAAGGCTGAAGGCCTATGGAA
 AAGATTTTCATCTGATTACGGCTAATAAAGTCCGAACAAGATCAGTTGGTGAATGTGTAGCATTCTATTA
 CATGTGAAAAAGTCTGAGCGCTATGATTTCTTTGCTCAGCAACAAGGTTTGAAAAAAGAAATATAAT
 CTTATCCTGGTGAACGGATTACATGGATCGTCTTTGGATGAAAGTGAAGTGTCTTCTAGCCGAG
 CACCATCCCCCTCCCACTGCCTCAAATAGCAGTAACAGCCAGTCCGAGAAAGAAGATGGCGCTGTGAG
 CAGTAGGAATCAGAACGGTGTCTCATCTAATGGACCAGGAGAAAATACTAAACAAAGAAGAAGTAAAGTT
 GAAGGGTTACATGTTAATGGACCAACAGGTGGAATAAGAAACCACTTCTTACAGATATGGACACTAATG
 GTTATGAAGCAAATAACCTGACCACTGACCCAAAACCTTGCCCATATGACTGCAAGAAATGAAAATGATTT
 TGATGAAAAAATGAGAGACCTGCCAAAAGGCGCGGATAAACAGCAGTGGGAAGAAATCCGGGCTCA
 TCTGAGTTTTTCCAGGAAGCAGTCTCACATGGGAAGTTTGAGGAACATGAAAACACGAATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217117 protein sequence
 Red=Cloning site Green=Tags(s)

MAEPSVESSSPGGSATSEDFHEFDPSADMLVHDFDDERTLEEEEMMEGETNFSSEIEDLAREGDMPIHELL
 SLYGYDSTVRLPEEEEEEEEEEGEDDEDADNDNSGCSGENKEENIKDSSGQEDETQSSNDPDSQSVTS
 QDAQEIIIRPRRKYFDTNSEIEEESEDEDYIPSEDWKKEIMVGSFQAEIPVGVCRYKENEKVYENDDQ
 LLWDPECLPEEKVVVFLKDSARRTGDEKGVFAIPEGSHIKDNEQALYELVKCSFDTEALRRLRFNVKAA
 REELSVWTEEECRNFEQGLKAYGKDFHLIQANKVTRSVGECVAFYMWKKSERYDFFAQQTRFGKKKYN
 LHPGVTDYMDRLLESESAASSRAPSPPTASNSNSQSEKEDGAVSSRNQNGVSSNGPGEILNKEEVKV
 EGLHVNGPTGGNKKPLLTDMDTNGYEANNLTDPKLAHMTARNENDFDEKNERPAKRRRINSSGKESPGS
 SEFFQEAESHGKFEEHENTND

TRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_001039081
ORF Size: 1533 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:	NM_001039081.1 , NP_001034170.1
RefSeq Size:	4650 bp
RefSeq ORF:	1536 bp
Locus ID:	71148
UniProt ID:	Q5UAK0
Cytogenetics:	4 C6
MW:	57.9 kDa