

Product datasheet for **RC229288A1V**

Human MIER1 (NM_001077700) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	MIER1
Synonyms:	ERI; MI-ERI
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC229288 representing NM_001077700
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATGGGGCTTCTTCAGCGGTGGCGGCAGCAGCGAAGGTGGCGGGCAGCAGCGGCAGCGGCTATG
 GTGTGGTCGCTCGATTCTCCAGTGCCTGGCTGAGTTTCGGACGTGGTTAAGAACCAACTGGTTGAGGTT
 CAATGCAGACAAGACGGATGTGATGCTGCCATCTGTTGAATCTTCAAGTCCAGGAGGTTGAGCAACATCA
 GATGACCATGAATTTGATCCATCAGCTGACATGCTGGTTCATGATTTTGATGATGAACGAACATTAGAAG
 AGGAAGAAATGATGGAAGGAGAAACAACTTCAGCTCTGAAATAGAAGATCTTGCAAGGGAAGGCGACAT
 GCCAATTCATGAACCTTCTCAGCCTTTATGGTTATGGTAGTACTGTTGACTACCTGAAGAAGATGAGGAA
 GAGGAAGAAGAGGAAGAAGAAGGTGAAGATGATGAAGATGCTGATAATGATGACAACAGTGGCTGTAGTG
 GGGAAATAAAGAGGAGAATATAAAGGATTCATCAGGTGAGGAGGATGAACTCAGTCTTCAATGATGA
 TCCATCACAATCTGTTGCTTCTCAAGATGCCAGGAAATAATCCGCCACGTCGATGTAATATTTTGAT
 ACAAATAGTGAAAGTAGAAGAAGATCTGAAGAAGATGAAGATTATATTCCATCAGAAGACTGGAAAAAGG
 AGATTATGGTGGGCTCCATGTTTCAAGCAGAAATTCAGTTGGCATTGTAGATACAAAGAAAAATGAAAA
 AGTATATGAAAAATGATGATCAGCTCCTGTGGACCCGTGAGTACTTACCAGAAGATAAAGTGATTATATTT
 CTTAAAGATGCATCTAGAAGACAGGTGATGAGAAGGGTGTAGAAGCAATTCCTGAAGGATCTCACATAA
 AAGACAATGAACAGGCTTTATATGAATTGGTTAAATGCAATTTTGATACAGAAGAAGCATTGAGAAGATT
 AAGATTTAATGTAAAAGCAGCTAGAGAGGAATTATCTGTTTGGACAGAGGAAGAGTGTAGAAATTTTGAA
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 GTGAATGTGTAGCATTCTATTACATGTGAAAAAATCTGAACGTTATGATTTCTTTGCTCAGCAACACG
 ATTTGGAAAGAAGAAATATAATCTTCATCCTGGTGTAACGGATTACATGGATCGTCTTCTAGACGAAAGT
 GAAAGTGCTGCATCTAGTCGAGCACCATCCCTCCCCCACTGCATCAAACAGTAGTAACAGCCAGTCTG
 AGAAAGAAGATGGCACTGTAAAGCACTGTAATCAAAATGGAGTGTATCTAATGGACCAGGTGAAATATT
 AAACAAGAGGAAGTAAAGTTGAAGGGTTACACATTAATGGACCAACAGGTGGAAATAAGAAACCACTT
 CATGCAGATATGGATACTAATGGTTATGAAACAGATAACCTTACCCTGACCCAAAACCTTGCCCATATGA
 CTGCAAGAAATGAAATGATTTTGATGAAAAAAGTGAGAGACCTGCCAAAAGGCGAAGGGTAAACAGCAA
 TGGAAGAAAGTCCAGGTTCTCTGAATTTTCCAAGAAGCAGTCTCACATGGGAAATTTGAAGAACTT
 GAAAAACACAGATGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC229288 representing NM_001077700
 Red=Cloning site Green=Tags(s)

MDGASSGGGSSSEGGGSSSGYGVVARFSQCLAEFRTLRLTNWLRFNADKTDVMLPSVSSSPGGSATS
 DDHEFDPSADMLVHDFDDERTLEEEEMMEGETNFSSEIEDLAREGDMPIHELLSLYGYGSTVRLPEEDED
 EEEEEEGEDDEDADNDNSGCSGENKEENIKDSSGQEDETQSSNDPSQSVASQDAQEIIIRPRCKYFD
 TNSEVEESEEDEDYIPSEDWKKEIMVGSFQAEIPVIGICRYKENEKVYENDQQLLDPEYLPEDKVIIF
 LKDSRRTGDEKGVEAIEPGSHIKDNEQALYELVKCNFDTEALRRLRFNVKAAREELSVWTEEECRNFE
 QGLKAYGKDFHLIQANKVRTRSVGECVAFYYMWKKSERYDFFAQQTRFGKKKYNLHPGVTDYMDRLLDSE
 ESAASSRAPSPPTASNSNSQSEKEDGTVSTANQNGVSSNGPGEILNKEEVKVEGLHINGPTGGNKKPL
 HADMDTNGYETDNLTTDPKLAHMTARNENDFDEKSERPAKRRRVNSNGKESPGSSEFFQEAIVSHGKFEEL
 ENTDD

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_001077700

ORF Size:	1695 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_001077700.2</u>
RefSeq ORF:	1698 bp
Locus ID:	57708
UniProt ID:	<u>Q8N108</u>
Cytogenetics:	1p31.3
MW:	63.2 kDa