

Product datasheet for **RC223221A1V**

Human MIER1 (NM_001077702) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MIER1 (NM_001077702) AAV Particle
Tag:	Myc-DDK
Symbol:	MIER1
Synonyms:	ER1; MI-ER1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223221 representing NM_001077702
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTATGTTTAATTGGTTTACAGACTGTCTGTGGACTCTTTTCTGTCAAATTACCAGCCATCTGTTG
 AATCTTCAAGTCCAGGAGTTTACGAACATCAGATGACCATGAATTTGATCCATCAGCTGACATGCTGGT
 TCATGATTTTGTATGATGAACGAACATTAGAAGAGGAAGAAATGATGGAAGGAGAAACAACTTCAGCTCT
 GAAATAGAAGATCTTGAAGGGAAGGCGACATGCCAATTCATGAACCTTCTCAGCCTTTATGGTTATGGTA
 GTACTGTTTCGACTACCTGAAGAAGATGAGGAAGAGGAAGAAGAGGAAGAAGGTGAAGATGATGAAGA
 TGCTGATAATGATGACAACAGTGGCTGTAGTGGGAAAATAAAGAGGAGAATATAAAGGATTCATCAGGT
 CAGGAGGATGAACTCAGTCTTCCAATGATGATCCATCACAATCTGTTGCTTCTCAAGATGCCAGGAAA
 TAATCCGCCACGTCGATGTAATATTTTATACAAAATAGTGAAGTAGAAGAAGAATCTGAAGAAGATGA
 AGATTATATTCCATCAGAAGACTGGAAAAGGAGATTATGGTGGCTCCATGTTTCAAGCAGAAATTCCA
 GTTGGCATTGTAGATACAAAGAAAATGAAAAGTATATGAAAATGATGATCAGCTCCTGTGGGACCTG
 AGTACTTACCAGAAGATAAAGTGATTATATTTCTTAAAGATGCATCTAGAAGAACAGGTGATGAGAAGGG
 TGTAGAAGCAATTCCTGAAGGATCTCACATAAAAGACAATGAACAGGCTTTATATGAATTGGTTAAATGC
 AATTTTGTACAGAAGAAGCATTGAGAAGATTAAGATTTAATGTAAGCAGCTAGAGAGGAATTATCTG
 TTTGGACAGAGGAAGAGTGTAGAAAATTTGAACAAGGGCTGAAGGCCTATGGAAGGATTTTCATTTGAT
 TCAGGCTAATAAAGTCCGAACAAGGTCAGTTGGTGAATGTGTAGCATTCTATTACATGTGAAAAAATCT
 GAACGTTATGATTTCTTTGCTCAGCAACACGATTTGGAAGAAGAAAATAAATCTTCATCTGGTGTAA
 CGGATTACATGGATCGTCTTCTAGACGAAAGTAAAAGTGCATCTAGTCGAGCACCATCCCCCCCC
 AACTGCATCAAACAGTAGTAACAGCCAGTCTGAGAAAGAAGATGGCACTGTAAGCACTGCTAATCAAAAT
 GGAGTGTCTAATGGACCAGGCATACTCCAATGCTTCTTCCAGTTCATTTTTTCAGCCATCAGTTCAA
 GAGCCAATGCCTTTTTAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MFMFNWFTDCLWTLFLSNYQPSVESSSPGGSATSDHDFDPSADMLVHDFDDERTLEEEEMMEGETNFSS
 EIEDLAREGDMPHELHLSLYGYSTVRLPEDEEEEEEEEGEDDEDADNDNSGCSGENKEENIKDSSG
 QEDETQSSNDPSQSVASQDAQEIIIRPRRKYFDTNSEVEESEEDEDYIPSEDWKKEIMVGSFQAEIP
 VGICRYKENEKVYENDDQLLDWPEYLPEDKVIIFLKDASRRRTGDEKGVIAIPEGSHIKDNEQALYELVKC
 NFDTEALRRLRFNVKAAREELSVWTEEECRNFEQGLKAYGKDFHLIQANKVRTRSVGECVAFYMWKKS
 ERYDFFAQQTRFGKKYNLHPGVTDYMDRLLDESESAASSRAPSPPTASNSSNSQSEKEDGTVSTANQN
 GVSSNGPILQMLLPVHFSAISSRANAFK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001077702

ORF Size:

695 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_001077702.1</u>
RefSeq Size:	1804 bp
RefSeq ORF:	1353 bp
Locus ID:	57708
UniProt ID:	<u>Q8N108</u>
Cytogenetics:	1p31.3
MW:	51.2 kDa