

Product datasheet for **RC223062A1V**

Human MIER1 (NM_001077704) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human MIER1 (NM_001077704) AAV Particle
Tag:	Myc-DDK
Symbol:	MIER1
Synonyms:	ER1; MI-ER1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC223062 representing NM_001077704 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGAGCCATCTGTTGAATCTTCAAGTCCAGGAGGTTCAAGCAACATCAGATGACCATGAATTTGATC
CATCAGCTGACATGCTGGTTCATGATTTTGATGATGAACGAACATTAGAAGAGGAAGAAATGATGGAAGG
AGAAACAACTTCAGCTCTGAAATAGAAGATCTTGCAAGGGAAGGCGACATGCCAATTCATGAATCTCTC
AGCCTTTATGGTTATGGTAGTACTGTTGACTACCTGAAGAAGATGAGGAAGAGGAAGAAGAGGAAGAAG
AAGGTGAAGATGATGAAGATGCTGATAATGATGACAACAGTGGCTGTAGTGGGGAAAAATAAGAGGAGAA
TATAAAGGATTATCAGGTCAAGGAGGATGAACTCAGTCTTCCAATGATGATCCATCACAACTCTGTTGCT
TCTCAAGATGCCAGGAAATAATCCGCCACGTCGATGTAATATTTTGATACAAATAGTGAAGTAGAAG
AAGAATCTGAAGAAGATGAAGATTATATCCATCAGAAGACTGGAAAAAGGAGATTATGGTGGGCTCCAT
GTTTCAAGCAGAAATCCAGTTGGCATTGTAGATACAAAGAAATGAAAAAGTATGAAAATGATGAT
CAGCTCCTGTGGGACCCTGAGTACTTACCAGAAGATAAAGTGATTATTTCTTAAAGATGCATCTAGAA
GAACAGGTGATGAGAAGGTGTAGAAGCAATTCCTGAAGGATCTCACATAAAAGACAATGAACAGGCTTT
ATATGAATTGGTTAAATGCAATTTTGATACAGAAGAAGCATTGAGAAGATTAAGATTTAATGTAAAGCA
GCTAGAGAGGAATTATCTGTTTGACAGAGGAAGAGTGTAGAAATTTGAACAAGGGCTGAAGGCCTATG
GAAAGGATTTTCATTTGATTGAGCTAATAAAGTCCGAACAAGGTCAGTTGGTGAATGTGTAGCATTCTA
TTACATGTGGAAGAAATCTGAACGTTATGATTTCTTTGCTCAGCAACACGATTTGGAAGAAAGAAATAT
AATCTTCATCCTGGTGTAAACGGATTACATGGATCGTCTTCTAGACGAAAGTGAAGTGCTGCATCTAGTC
GAGCACCATCCCTCCCCCACTGCATCAACAGTAGTAACAGCCAGTCTGAGAAAGAAGATGGCACTGT
AAGCACTGCTAATCAAAATGGAGTGTCATCTAATGGACAGGCATACTCCAAATGCTTCTCCAGTTCAT
TTTTGAGCCATCAGTTCAAGAGCCAATGCCTTTTAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	<p>>RC223062 representing NM_001077704</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAEPSVESSSPGGSATSDDHEFDPSADMLVHDFDDERTLEEEEMMEGETNFSSEIEDLAREGDMPIHELL SLYGYGSTVRLPEDEEEEEEEEGEDDEDADNDNSGCSGENKEENIKDSSGQEDETQSSNDPSQSVA SQDAQEIIRPRRCKYFDTNSEVEEESEEDDYIPSEDWKKEIMVGSMFQAEIPVGICRYKENEKVYENDD QLLWDPEYLPEDKVIIIFLKDASRRTGDEKGVAEIPEGSHIKDNEQALYELVKCNFDTEEALRRLRFNVKA AREELSVWTEEECRNFEQGLKAYGKDFHLIQANKVRTRSVGECVAFYYMWKKSERYDFFAQQTRFGKKKY NLHPGVTDYMDRLLDESESAASSRAPSPPTASNSSNSQSEKEDGTVSTANQNGVSSNGPILQMLLPVH FSAISSRANAFK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001077704
ORF Size:	1299 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_001077704.1</u>
RefSeq Size:	1648 bp
RefSeq ORF:	1302 bp
Locus ID:	57708
UniProt ID:	<u>Q8N108</u>
Cytogenetics:	1p31.3
MW:	48.9 kDa