

Product datasheet for **MR222739A1V**

Mouse Marco (NM_010766) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Marco (NM_010766) AAV Particle
Tag:	Myc-DDK
Symbol:	Marco
Synonyms:	A1323439; Ly112; Scara2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR222739 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGAAGTAAAGAACTCCTCAAAGAGGAAGACTTCTTGGGCAGCACAGAAGACAGAGCCGATTTTGACC
 AAGCTATGTTCCCTGTGATGGAGACCTTCGAAATCAATGATCCAGTGCCCAAGAAGAGAAATGGGGGAC
 CTTCTGCATGGCAGTCATGGCCATCCACCTGATCCTGCTCACGGCAGGTAAGTACTGCTGCTGATTCAA
 GTTCTCAATCTGCAGGAGCAGCTCCAGATGCTAGAGATGTGCTGTGGCAATGGATCACTAGCTATCGAGG
 ACAAGCCCTTCTCTCGCTGCAGTGGGCACCAAAACACACCTGGTACCTAGAGCACAGGGGCTGCAAGC
 CTTGCAGGCCAGCTCAGCTGGTCCATACCAGCCAGGAGCAACTCCGTCAGCAGTTCAACAACCTCACT
 CAAAATCCAGAGTTGTTCCAGATTAAGGTGAACGAGGCTCTCCAGGTCCAAAAGGGGCCCGGGTCTC
 CTGGAATCCCCGGGCTGCCTGGCCAGCTGCTGAGAAGGGAGAAAAGGGGCTGCAGGTCGTGATGGAAC
 CCCAGGTGTCCAAGGACCCAGGGCCACCAGGCAGCAAGGGAGAGGCAGGCCTCCAGGGACTTACGGGT
 GCACCAGGGAAGCAAGGAGCAACTGGTGTCCAGGACCTCGAGGAGAGAAGGGCAGCAAAAGGTGACATAG
 GTCTCACTGGCCCAAGGGGAACATGGCACCAGGGAGACAAAGGGGACCTAGGCCTTCCAGGAAACAA
 AGGGGACATGGGCATGAAGGGAGACACGGGGCCATGGGGTCCCTGGAGCTCAGGGAGGTAAAGGTGAT
 GCTGGAAAACAGGCCTACCAGGTTTGGCTGGATCTCCAGGAGTCAAAGGTGACCAAGGAAAACCTGGAG
 TGCAGGGTGTTCAGGCCCTCAAGGTGCACCAGGACTTTCAGGTGCCAAGGGTGAAGCCAGGACGCACTGG
 TCTTCTGGGCCAGCAGGACCCCGGAATTGCTGGGAATCCAGGGATTGAGGTGTGAAAGGAAGCAAG
 GGTGACACAGGAATCAAGGACAGAAAGGCACAAAAGGAGAATCAGGAGTCCCAGTCTTGTAGGCAGAA
 AGGGAGACACTGGAAGCCCTGGGCTGGCAGTCCCAAAGGAGAACCTGGACGAGTCGGTCAGAAGGGAGA
 CCCGGGGATGAAAGGGTCTTCTGGCCAGCAAGGACAAAAGGGAGAAAAGGGTCAAAAAGGCGAATCTTTC
 CAACGCGTCCGGATCATGGGTGGCACCACAGAGGCCGAGCTGAAGTTTACTATAACAATGAGTGGGGGA
 CAATTTGTGATGATGATTGGGATAATAATGATGCGACTGTCTTCTGTCGCATGCTCGTTACTCCAGAGG
 GAGAGCACTTAGCAGCTATGGAGGTGGCTCTGGGAACATCTGGCTGGACAATGTGAATTGTCGGGCACA
 GAGAACAGTTTGTGGGACTGCAGTAAGAACTCTGGGGCAATCACAATTGCGTACATAATGAAGATGCGG
 GTGTGGAATGCTCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR222739 protein sequence
 Red=Cloning site Green=Tags(s)

MGSKELLKEEDFLGSTEDRADFDQAMFVPMETFEINDPVPKRNNGTFCMAVMAIHLILLTAGTALLLIQ
 VLNLQEQQLQMLEMCCNGSLAIEDKPFSLQWAPKTHLVPRAQGLQALQAQLSWVHTSQEQLRQFNNLT
 QNPELFQIKGERGSPGPKGAPGAPGIPGLPGPAAEKGEKGAAGRDTGPGVQGPQPPGSKGEAGLQGLTG
 APGKQGATGAPGPRGEKGSKGDIGLTPKGEHGTGDKGDLGLPGNKGDMGMKGDTPMGSPGAQGGKGD
 AGKPGLPGLAGSPGVKGDQKPGVQGVPGPQGAPGLSGAKGEPGRTGLPGPAGPPGIAGNPGIAGVKGSK
 GDTGIQQKGTGKESVPLVGRKGDTPGSLAGPKGEPGRVQKGDPMKMGSSGQQGKGEKQKGESF
 QRVRIMGGTNRGRAEVYNNNEWGTICDDDDWNNDATVFCRMLGYSRGRALSSYGGGSGNIWLDNVCNCRGT
 ENSLWDCSKNSWGNHNCVHNEDAGVECS

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010766

ORF Size:

1557 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_010766.2</u>
RefSeq Size:	1985 bp
RefSeq ORF:	1557 bp
Locus ID:	17167
UniProt ID:	<u>Q60754</u>
Cytogenetics:	1 E2.3
MW:	52.7 kDa