

Product datasheet for **MR225390A1V**

Mouse Mcoln1 (NM_053177) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mcoln1 (NM_053177) AAV Particle
Tag:	Myc-DDK
Symbol:	Mcoln1
Synonyms:	2210015I05Rik; mucolipidin; TRPML1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR225390 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGCCACCCCGGGCGGGCGGCGCCTCAGAGACTGAGCGGCTGCTGACCCCCAATCCTGGGTATGGGA
 CCCAGGTGGGGACCTCACCAGCCCCAACCCCCACAGAAGAGGAAGACCTCCGCCCGCCCTCAAGTA
 CTTCTTTATGAGCCCATGTGACAAGTTCGGGGCAAAGGCCGCAAGCCCTGCAAGCTGATGCTGCAGGTG
 GTCAAGATCTTGGTGGTCACTGTGCAGCTATTCTCTTTGGGCTCAGCAACCAGCTGGTGGTGACATTCC
 GGGAAGAGAACACCATTCCTCCGACATCTCTCTGCTGGGTACTCTGATGGGTCTGATGACACCTT
 TGCAGCCTACACAGGAGCAGCTCTACCAAGCCATCTCTATGCTGTGGACCAGTACCTGATACTACCT
 GAGATATCCCTGGGCCGGTATGCCTATGTCCGTGGTGGGGTGGGCCCTGGGCCAATGGATCAGCTTTGG
 CTCTCTGCCAGCGGTACTACCACGTGGCCATGTGACCCAGCCAATGATACCTTTGACATTGATCCAAG
 GGTAGTCACTGACTGTATCCAGGTGGATCCTCCTGACAGACCCCTGACATCCCAGTGAGGACTTGGAC
 TTCTTGGATGGCAGCGCCAGTTACAAGAACCTCACACTGAAATCCACAAGCTGATCAACGTACCATCC
 ACTTCCAGCTGAAGACAATTAACCTGCAGAGCCTCATCAACAATGAGATCCCTGATTGTTACACCTTCAG
 TATCCTGATCACATTTGACAATAAAGCGCACAGTGGGCGAATCCCATCCGCCTGGAGACCAAGACCCAC
 ATCCAGGAGTGCAAAACCCCCAGTGTCTCCAGACATGGAGACAACAGCTTCCGGCTTCTGTTTGTGTGG
 TGGTTATCCTCACCTGCTCCCTGTCTCTCTGCTGTGCGCCCGCTCACTGCTCCGTGGCTTCTGCTGCA
 GAACGAGTTTGTGTATTCATGTGGCGGCGGGGTCGGGAATCAGCCTCTGGGAACGGCTGGAGTTT
 GTCAATGGCTGGTACATCCTGCTGGTCAACAGTGACGTGCTCACCATCTCGGGGACTGTGATGAAGATTG
 GCATTGAGGCAAGAACCTAGCCAGCTATGATGCTGCAGTATTCTCTGGGTACCTCCACTCTGCTAGT
 CTGGGTGGGTGTCATTGCTACCTGACATTTTCCACAAGTACAACATCTTGATTGCCAGTTGCCAGTG
 GCACTGCCAGTGTGATGCGTTTCTGCTGCTGTGTGGCTGTATCTACCTGGGCTATTGCTTCTGTGGCT
 GGATCGTTCTAGGGCCCTACCATGTGAAGTTCGCTCGCTGTCCATGGTTTCTGAGTGTCTGTTCTCACT
 CATCAACGGAGACGACATGTTTGTGACGTTTCGCGGCCATGCAGGCCAGCAGGTCACAGCAGCCTGGTG
 TGGCTCTTCTCCAGCTGTACCTCTACTCCTTCATCAGCCTCTTCATCTACATGGTGTGAGCCTCTTCA
 TTGCACTCATACCGGCGCCTATGACACCATCAAGCACCAGGAGGTACTGGCACAGAGAAGAGTGAGCT
 CCAGGCCTACATCGAGCAGTGCCAGGATAGCCCCACATCTGGCAAGTTCCGTCGTGGCAGTGGCTCAGCT
 TGTAGCCTTTTCTGCTGCTGTGAAGGACTCCCGGAGGACCATTGCTGCTGGTGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225390 protein sequence
 Red=Cloning site Green=Tags(s)

MATPAGRRASETERLLTPNPGYGTQVGTSPAPTPTEEDLRRRLKYFFMSPCDKFRAKGRKPCKLMLQV
 VKILVVTVQLILFGLSNQLVVTFREENTIAFRHLFLLGYSDGSDDTFAAYTQEQLYQAIFYAVDQYLILP
 EISLGRYAYVRGGGPWANGSALALCQRYYHRGHVDPANDTFDIDPRVVTDCIQVDPDRPPDIPSEDLD
 FLDGSASYKNLTLKFHKLINVTHFQLKTINLQSLINNEIPDCYFISILITFDNKAHSGRIPIRLETKTH
 IQECKHPSVSRHGDNSFRLFDVVVILTCSLSFLLCARSLLRGFLQNEFVVMWRRRGREISLWERLEF
 VNGWYILLVTSVDLITSGTVMKIGIEAKNLASYDVCSILLGTSTLLVWGVIRYLTFFHKYNILIALTRV
 ALPSVMRFCCCVAVIYLGYFCGWIVLGPYHVKFRSLSMVSECLFSLINGDDMFVTFAMQAQQGHSSLV
 WLFSQLYLYSFIYMLSLFIALITGAYDTIKHPGGTGTEKSELQAYIEQCQDSPTSGKFRRGSGSA
 CSLFCCGRDSPEDHSLLVN

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:	NM_053177
ORF Size:	1740 bp
Buffer:	PBS with 0.001% Pluronic F3909
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_053177.1</u> , <u>NP_444407.1</u>
RefSeq Size:	2039 bp
RefSeq ORF:	1743 bp
Locus ID:	94178
UniProt ID:	<u>Q99J21</u>
Cytogenetics:	8 1.92 cM
MW:	65.5 kDa