

Product datasheet for **MR212144A1V**

Mouse Mpl (NM_010823) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Mpl (NM_010823) AAV Particle
Tag:	Myc-DDK
Symbol:	Mpl
Synonyms:	c-mpl; CD110; hlb219; TPO-R
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR212144 representing NM_010823
 Red=Cloning site Blue=ORF Green=Tags(s)

ATGCCCTCTTGGGCCCTCTTCATGGTCACCTCCTGCCTCCTTGGCCCTTCAAACCAGGCACAAGTCA
 CCAGCCAAGATGCTTTCTTGGCCTTGGGCACAGAGCCCTGAAGTCTTCTCCAAACATTTGAGGA
 CCTCACCTGCTTCTGGGATGAGGAAGAGGCAGCACCCAGTGGGACATACCAGCTGCTGTATGCCTACCGA
 GGAGAGAAGCCCCGTGCATGCCCTGTATTCCAGAGTGTGCCACCTTTGGAACCCGGTATGTGTGCC
 AGTTTCCAGCCAGGATGAAGTGCCTCTTCTTCCGCTGCACCTCTGGGTGAAGAATGTGTCCCTCAA
 CCAGACTTTGATCCAGCGGTGCTGTTTGTGGATAGTGTGGCCTGCCAGCTCCCCCAGGGTATCAAG
 GCCAGGGTGGGAGCCAACCAGGGGAATTCAGATCCACTGGGAGGCCCTGCTCCTGAAATCAGTGACT
 TCCTGAGGCATGAAGTCCGCTATGGCCCCACGGACTCCAGCAACGCCACTGCCCCCTCCGTATTAGCT
 GCTCTCCACAGAAACCTGCTGCCCACTTTGTGGATGCCGAACCCAGTCCCTGTTCTTGACCAGCCTCCG
 TGTGTTTATCCGACAGCATCCCAACCGCATGGACCAGTCCATTTCTGACAGTGAAGGGTGAAGCTGTC
 TCGTCTCAGGCCCTCAGGCTGGCAAATCCTACTGGCTCCAGCTACGCAGCAACCCGACGGGGTCTCCCT
 TCGTGGCTCCTGGGGACCTGGTCCCTTCCCTGTGACTGTGGATCTTCCAGGAGATGCAGTGACAATTGGA
 CTTAGTGCTTTACCTTGGATCTGAAGATGGTCACCTGCCAGTGGCAGCAACAAGACCGCACTAGCTCCC
 AAGGCTTCTTCCGCCACAGCAGGACGAGGTGCTGCCCCACAGACAGGGACCCACCTGGGAGAAATGTGA
 AGAGGAGGAACCGCTCCAGGATCACAGCCGCTCTCGTCTCCGCTGCCACTTCAAGTACGAAATGAC
 AGTGTTATTACATCCTTGTAGAGGTGACCACAGCGCAAGGTGCCGTTACAGCTACCTGGGCTCCCTT
 TTTGGATCCACAGGCTGTGCTCCTTCCACCCGAGCCTGCACTGGAGGGAGGTCTCAAGTGAAGGCT
 GGAGTTGGAGTGGCAGCACCAGTCACTTGGGAGCTCAAGAGACCTGCTACCAGTCCGGTACACGGGA
 GAAGGCCGTGAGGACTGGAAGGTGCTGGAGCCATCTCTCGGTGCCGGGGAGGGACCTAGAGCTGCGCC
 CCCGAGCTCGCTACAGCTTGAGCTGCGTGCCAGGCTCAACGGCCCCACCTACCAAGGTCCCTGGAGCGC
 CTGGTCTCCCCAGCTAGGGTGTCCACGGGCTCCGAGACTGCTTGGATCACCTTGGTGACTGCTCTGCTC
 CTGGTGCTGAGCCTCAGTGCCCTTCTGGGCTACTGCTGCTAAAGTGGCAATTTCTGCGCACTACAGGA
 GACTGAGGCATGCTTTGTGGCCTCGTTCAGACCTACACGGGTCTAGGCCAGTACCTCAGAGACAC
 TGCAGCCCTAAGTCTTCTAAGGCCACGGTTACCGATAGCTGTGAAGAAGTGAACCCAGCCTCTGGAA
 ATCCTCCCTAAGTCTCAGAGAGCACTCTTTACCTCTGTGTCCCTCCCAACCTCAGATGGACTACAGAG
 GACTGCAACCTTGCTGCGGACCATGCCCTGTCTGTGTGTCCACCATGGCTGAGACGGGGTCTGCTG
 CACCACACATTGCCAACCACTCTACCTACCACTAAGCTATTGGCAGCAGCCC

Protein Sequence:

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MPSWALFMVTSCLLLALPNQAQVTSQDVFLALGTEPLNCFSTQTFEDLTCFWDEEEAAPSGTYQLLYAYR
 GEKPRACPLYSQSVPTFGTRYVCQFPAQDEVRLFPLHLWVKNVSLNQTLIQRVLFVDSVGLPAPPRVIK
 ARGGSQPGELQIHWEAPAEISDFLRHELRYGPTDSSNATAPSVIQLLSTETCCPTLWMPNPVPVLDQPP
 CVHPTASQPHGPAPFLTVKGGSCLVSLGQAGKSYWLQLRSQPDGVSLRGSWGPWSFPVTVDLPGDAVTIG
 LQCFTLDLKMVTCQWQQQDRSTSSQGFRRHSRTRCCPTDRDPTWEKCEEEPRPGSQPALVSRCHFKNRND
 SVIHILVEVTTAQGAVHSYLGSPFWIHQAVLLPTPSLHWREVSSGRLELWQHQSWSAAQETCYQLRYTG
 EGREDWKVLEPSLGARGGTLELRPRARYSLQLRARNLNGPTYQGPWSAWSPPARVSTGSETAWITLVALL
 LVLSLALLGLLLKWQFPAHYRRLRHALWPSLPDLHRVLGQYLRDTAALSPSKATVTDSCREEVPSLLE
 ILPKSSESTPLPLCPSQPMQDYRGLQPCLRTMPLSVCPMAETGSCCTTHIANHSYLPISYWQQP

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_010823

ORF Size:	1875 bp
Buffer:	PBS with 0.001% Pluronic F1956
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_010823.3</u> , <u>NP_034953.2</u>
RefSeq Size:	2914 bp
RefSeq ORF:	1878 bp
Locus ID:	17480
UniProt ID:	<u>Q08351</u>
Cytogenetics:	4 54.61 cM
MW:	70.2 kDa