

Product datasheet for **MR210603A1V**

Mouse Zw10 (NM_012039) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zw10 (NM_012039) AAV Particle
Tag:	Myc-DDK
Symbol:	Zw10
Synonyms:	6330566F14Rik; MmZw10
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210603 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCTCTTTCTGTACAGAAGTCTTGCCCACTCGGGAGCCTGGAGAAGGAGGATCTGGGCACCAGGA
 TCAGCCGCTGACCCGGCGGGTGGAGGAGATCAAGGGTGAAGTATGCAATATGATCAGCAAGAAGTACAG
 TGAGTTCCTGCCTACCATGCAGAGTGCAGGCGCCTAGTTACCCAGGTGGACACTCTATCTAACGACATC
 GACCAGCTGAAATCCAGGATAGAGACTGAGGTCTGTCGGGATCTTCACATATCAACTGTTGAGTTTACAA
 ACCTGAAGCAGCAGCTGGAAAGAGACTCTGTAGTCCTAACTCTGCTCAAACAACCTCAAGAGTTTCTCTC
 TGCTATTGAAGAGTATAACAGTGCCTTAGCAGAGAAGAAGTACATCCCTGCTGCTCGGCACCTGGAGGAG
 GCTCAGGAGTGCTTGAAGTTATTAAGTCCAGAAAATGCTTTGACTTAAAAATGTTGAAGTCTCTCAGCA
 TGGAGCTCACCCTGCAGAAGCAGAACATACTGTACCACCTGGGAGAAGACTGGCAGAAGCTGGTTGTATG
 GAAGTTTCCGCCGGCAAAAGATACCAGCAGCTTAGAGTCTTGTCTACAAACAGAGCTTCATTATGCACT
 GAGCAGCCGGAGAAAAGAGGACATGACTCCTCTGCCGTCCATCAGTTCTGTCTCTTGGCCTTTTCCATTC
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 ATTTCCCAAAACAGCAGCAAGCTCCAGGAATACGAAGAGATTATACAGTCCACAGAAGAATTTGAAAAGT
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 AGCTACAAGTACAGACGGTCTGCAAAGCGCAGTTCACCGACGCGGGAACCTAGAGCCTGAGACTTCTCT
 GGACCCTCAGTCTTTTCTTTACCCACGTGCCGCATCAGCGAGGCTGTGAAGAAGTTAATGGAGCTCGCT
 TATCAGACTTTACTTGAGGCAACAACAAGTAGCGACCAATGTGCTGTCCAGCTCTTCTACTCAGTGAGGA
 ATATCTTCCATTTGTTCCATGATGTGGTACCAACATACCACAAGGAGAACCTTCGGAAGCTCCCCAGTT
 GGCTGCCATTACCACAACAACCTGCATGTATATTGCTCACCCTTGTGACCCTCGGTCATCAGTTCAGA
 TTGCGGCTCGCCCCATCCTTTGCGATGGCAGCACCACCTTTGTGGATCTGTACCTGGCTTCAGAAGAC
 TTGGGACGGAGTGCTTTTGGCCCAAATGCAGGCACAGAAAGGAGAACTCTGGAGAGATTGTCAAGTGC
 TAGAAGCTTTGCGAACATGGACGACGAAGAGAATTACTCTGCAGCGAGCAAGGCAGTGAGGCAGGTGCTG
 CACCAGCTAAGGAGACTTGGGATCGTGTGGCAGGATGTCCTGCCAGTGAACATATACTGCAAGGCCATGG
 GGACCTTGCTGAACACAGCGATTGCTGAGATGATGAGCAGGATCACTGCTCTAGAGGACATCTCGACTGA
 AGATGGTGATAGATTGTATCCCTGTGCAAAACAGTGATGGATGAAGGTCCACAAGTGTTCACCTCTG
 TCTGATGAAAACAAAAACAAGAAATACCAAGAAGAGGTTCCCGTCTATGTGTCCAAATGGATGCCTTTCA
 AAGAACTCATGATAATGCTACAAGCTAGCTTGCAAGAAATTGGAGATCGGTGGGCAGATGAAAAAGGCC
 CCTGGCAACTGCATTCCCTTCCAGCGAAGTCAAAGCTTTAATCCGTGCCTTGTTCAGAACACAGAAAGA
 AGAGCAGCTGCCCTTGCTAAGATTAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210603 protein sequence Red=Cloning site Green=Tags(s) MASFVTEVLAHSGSLEKEDLGTRISRLTRRVEEIKGEVCNMISKKYSEFLPTMQSAQALVTQVDTLSNDI DQLKSRIETEVCRDLHISTVEFTNLKQQLERDSVVLTLKQLQEFSSAIEEYNSALAEKKYIPAARHLEE AQECLKLLSRKCFDLKMLKSLSMELTVQKQNILYHLGEDWQKL VVWKFPKADTSSLESCLQTELHLCT EQPEKEDMTPLPSISSVLLAFSILGELPTKLKSFQMLLKYLKPLVTCPSLHAVIERQPSSVSICFESL TTDLEHPSPEAFKIRLVLEVLQKQLDLPLDADLEIGKVPGLVLAEMLGEGIWEDLSECLIRNCLVYS IPTNSSKLQEYEEIIQSTEEFEKFLKEMRFLKGDTTDLLKYARNINSHFANKKCQDVIVAARNLMTSEIH NTVKIGPDCKEALPDLSPDADHKLQVQTVCKAQFTDAGNLEPETSLDPQSFLPTCRISEAVKKLMELA YQTLLEATTSSDQCAVQLFYSVRNIFHLFHDVVPTYHKENLRKLPQLAAIHHNNCMYIAHLLTLGHQFR LRLAPILCDGTTTFVDLVPGRRLGTECFLAQMQAQKGELLERLSSARSFANMDDEENYSAASKAVRQVL HQLRRLGIVWQDVLVNIYCKAMGTLNLTAAEMMSRITALEDISTEDGDRLYSLCKTVMDEGPQVFAPL SDENKNKKYQEEVPVYVSKWMPFKELMIMLQASLQEIHDRWADGKGPLATAFPSSEVKALIRALFQNTER RAAALAKIK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_012039
ORF Size:	2337 bp
Buffer:	PBS with 0.001% Pluronic F1684
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_012039.1</u>
RefSeq Size:	2917 bp
RefSeq ORF:	2340 bp
Locus ID:	26951
UniProt ID:	<u>O54692</u>
Cytogenetics:	9 A5.3
MW:	88.1 kDa