

Product datasheet for **MR217243A1V**

Mouse Zyg11a (NM_001167936) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Zyg11a (NM_001167936) AAV Particle
Tag:	Myc-DDK
Symbol:	Zyg11a
Synonyms:	BC022150
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR217243 representing NM_001167936
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGTCCATTTCTTGCATCCGTTGCTGTGGCCGCGGCCCTCGTCCTGCCGACGCCAGCAGGACGCGC
 AGGGCCACTGCTTGGAGGAGGCATCACCTACTCATTGGTCAACATCTGTCTGGATGTCTTAATTGCTGA
 ATTGGACAAATGGTGTCTAAAAGACCTGATGGAACATTGTGTCTCCAGAGCATTGGTATTTCTCAT
 GAAATAGCCGATAAATTCCTTGAGAGGATGGCTTGGCAAGGCAAGCTGACTGACAGAACGCGAGCATTT
 TCCAGGGCAAGCAGATGAGCCTGAAGCTCATCAATATCCGAGAGTTAACTCTCCGACGAGCCTTCAC
 GAAAGCCTTCTGCCATCACAAGCTCATTGAAGTGAATGCCACGTCCGTGGACTCGGAGCTTCTGGCCCCA
 GACATCATCCACGCTCTCCAGAGCAGTGCCTGGATCCAGAAGAACCTCCAGTGTCTTGTGTAGACTCAG
 TCAGCATCCCTCCGAAGCTCAGGACTAGTGGCCTTGAGTCATTTCACTGGGCTTCACACTTTAAGTGTGC
 CAATGTGTCTTTGCAATGAAGACCTAGTTAGTGTCTCAGTTACCGAACCTGGGAAGCTTGGATATC
 TCCAATACTCTGGTCACCAACATCTCTGCACTCCTCTCCTGTAAGAACCAGCTCAGGTCTCTACAATGC
 ACTATCTAAAGTGCTGGCCATGAACAGCCACAGGTCCTTGCACTTATCAGACAACGAAATGCCTGCT
 TCACCTTGATATTTCTGATCATCAGCAGCTCAGATCAGACCTGGCTTTTATCTGTTACAGCAGAAGGAC
 ATCCTGCCAACCTCACATCCCTGGATATTTAGGGGGCACCGACGCTACTGATCAAGCTGTGGAATCCT
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 CTGTCTGCGCTGCATGCTAAAGCTTGTGGCTATAGGAATGAGGAATCATCCATTGGATCTGCCAGTGCA
 GTTCACAGCCAGTGCTTGCCTCTCAACCTAACACGCCAGGAAGTGGCCAGGGGAATGCCTGTTCTGCTG
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 ATTGCTCTCTCTCTTAACAGTTCCAGGATCCTTATGGATGTTCCGTTTGACAGGTTTCGATGCTGCCAA
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 ATCCTAGCCCTGAAGCTCTCACCTGAGGAGATGGGACAGCTTCAGGAGGAGCTCATTATGGCCATCAAGG
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 AGCACTTTGGAATCTTACGATGAGTGTCCATTGGCTGCAAGTACTTTATGGAAAACGAAGGACTAGCA
 ACTGTCTCCGAGTCTTAGAGACATTTCAATATCTGTGATACAAAGCAAAGTACTTGGTCTTTGAACA
 ATGTGCTGAAGTCCGAGAGCTCTCTCAAGCTGGTGACGGAAGATGTGATAGAACGCATCATCAGCTT
 GCTCCACAGCAGCAACCTGGAAGTGAGTTCCTGGCTGCGGTGTACTAGCCACCTGACATGTGACAGG
 CAGCACTGGCTATCCCGGGACCTGCAAAGGACTGACCTTCTCCGATACCTGCACTTAGCCATCCAGAATT
 GGCCAAGTTCAGGTGTGACATGTCACTATTGGTGACCTACAGATCTTCAAAGCATTTCCCACTCCT
 TGTCAACTTCTCTCAGCCAGAAGTTCAGCGTGGGCACTGTGGCCATACATCATGTTTGCAGTAAAAAC
 CCGAGACCTAAAGATGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR217243 representing NM_001167936 Red=Cloning site Green=Tags(s) MVHFLHPLLWPRALVLPDAQQDAQGHCLLEASPYSLVNICLDVLI AELDKWCSKRPDGTLC LPEHWYFPH EIADKFLERMAWQGKL TDRTASIFQGKQMSLKLINIPRVKLSAAAF TKAFCHHKLIEVNATSV DSELLAP DIIHALQSSAWIQKNLQCLVLD SVSIPPNSGLVALSHFTGLHTLSVANVSFCNEDLVSVSQLPNLGSLDI SNTLVTNISALLSCKNRLRSL TMHYLKCLAMNSPQVLAVIRQLKCLLHLDI SDHQQLRSDLA FYLLQQKD ILPNLTSLDISGGTDVTDQAVESFLQHRPAMRFVGLLYTDAGYSDFFTAKQGLKVAGGANMSQISEALSR YRNRSCFVKEALFRLFTETLSLRAVLPVMLKLVAIGMRNHPLDLPVQFTASACALNLTRQELARGMPVRL LAEITDLLFKATKNFPYYQQLQKNCLLSLTSSRILMDVPFDRFDAAKLALRWVCRRESPKLRTMAVSITS ILALKLSPEEMGQLQEELIMAIKELLTIIRQKLAENLDDVTFLFTLKALWNL TDECPLACKYFMENEGLA TVIRVLETFSISVIQSKVLG LLNNVAEVRELSSKLVTEDEVIERIISLLHSSNLEVSFLAAGVLAHLTCDR QHWLSRDLQRTDLLRYLHLAIQNW PSSRC DMSVLVTYRSFKAFSPLL VNF SQPEVQRWALWAIHHVCSKN PRPKDV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001167936
ORF Size:	2118 bp
Buffer:	PBS with 0.001% Pluronic F2603
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_001167936.1, NP_001161408.1</u>
RefSeq Size:	2289 bp
RefSeq ORF:	2127 bp
Locus ID:	230590
Cytogenetics:	4 C7
MW:	79.6 kDa