

Product datasheet for **MR218045A1V**

Mouse Tigd4 (NM_207278) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tigd4 (NM_207278) AAV Particle
Tag:	Myc-DDK
Symbol:	Tigd4
Synonyms:	C130063O11Rik; Gm418
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR218045 representing NM_207278
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGAAGCCTCTGTGGATATCGGGACTCAGCCCGTAACCGTGAAGAAAAAGAAGAGCCTGTCCATCG
 AGGAGAAGATTGACATCATAAATGCAGTGGAAAGTGGCAAGAAAAAGGCAGAGATTGCAGCTGAATATGG
 CATAAAGAAAAATTCATTGTCTTCCATTATGAAAAACAAAGACAAAGTTCTAGAAGCCTTTGAGTCTTTG
 AGATTTGATCCGAAGAGAAAAAGACTGAGAACAGCGTTTTATACGGATCTAGAAGAAGCATTGATGAGGT
 GGTATCGGATTGCTCAGTGTCTAAACGTTCCAGTTAATGGCCCGATGTTGCGTCTAAAAGCTAATGATTT
 TGCCCAGAAGCTGGGACACAATGATTTTAAGTGCAGCAATGGTTGGCTGGATCGTTTTAAGTCCAGGTAT
 GGCTTAGTATTACAGACACAACCCGTAGAAGCCACGGGTATATCTATAGACCCTTCCACTGTGTGGTACC
 AAAATGTGCTACCTTATTACTTAAATGATTATCATCTAAAAATGTTTTCAATGTAAAAGAGACTGGGTT
 GCTTTATCGAATGTTACCTACAAATACTTTTGCATTCAAAGGGGAAACATGCTCAGTTGGAAAGTTGTGC
 AAAGACAGGATAACGCTGGCACTCGGAACAAATATGGATGGCTCTGAGAAGCTCCCTTTGCTGATCATCG
 GGAAAAACCGAGCCCGCGTTGTTTCAAGGGCATAAAATCATTGCCTGTGTACTATGAAGCTAACAGAAC
 GGCGTGGATGACCGCAGCCATATTTCAGCAGTGGATGCAGAAGCTGGATGAGAAATCCAAGCCAGAAA
 CGAAGAGTGGTGATTTTTGTTGACTCTTGCCCGCACATCCGGAAGTGAAAAACCTAAAGTCCATTGAGT
 TGGCATTCTTCCCGTCATGCTTGTCTTCCGGGTTTGCAGCTATGAATCAAGGTGTTATTTAAAGCCTTAA
 AATCAAATATCGGCATTGTCTTATCAAGAAATTTTAAAGTTCAGTCGAAAGTAGCAAAGAGTTTACATTT
 TCTCTTCTAGATGCAGTTGATACATTGCATCTCTGCTGGAGAGCTGTAAGTCCAGAGACTATTGTTAAAA
 GCTATGAAGAAGCAGGATTCAGTCTCCAAAGGGAGAAAAATGACACAGCCAATGCAGATGCTGCTGTTGC
 TCTTGACCTGACTGCCCATGCAGTGGGGCAGGAGTGGAGTTTCTTGAAGGCTTGTCATAGAGGAATAC
 GCTGCCCTGGATGAGGACCTGGAGACTTGTGAAGCCACCCAGAAAGATGATGCCGAGTGGGCCGGAGAAA
 GTAAGCAAGACGAACTGGTCTTTATACTTCCGATGAAGAGGAGGAGGACAGCGGGCGCTAGAAGTGGA
 TCTGCCGTCAACATCAAGAAGGACGCGCTCTCAGCTGTAGGCACTCTGAAAAGGTTTCTTAGAAGTCAC
 GACCTGAATGATGAACCTCACGGTCTTTAGCAGACCTTGAAAACCTTTATTAACGCTTTGTCACCTAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MAEASVDIGTPVTVKKKSLSIEEKIDIINAVESGKKKAEIAAEYGIKKNSLSSIMKNKDKVLEAFESL
 RFDPKRKRLRTAFYTDLEEALMRWYRIAQCLNVPVNGPMLRLKANDFAQKLGHNDFKCSNGWLDRFKSR
 GLVFRAQPVEATGISIDPSTVWYQNVLPYYLNDYHPKNVFNKGTGLLYRMLPTNTFAFKGETCSVGKLC
 KDRITLALGTNMDGSEKLPLLIIGKNRAPRCFKGIKSLPVYYEANRTAWMTAAIFEQWMQKLDEKFQAQK
 RRVVIFVDSCTPAHPEVKNLKSIELAFFPSCLSSGFAAMNQGVKSLKIKYRHCLIKKFLSSVESKEFTF
 SLLDAVDTLHLWRAVTPETIVKSYEEAGFRSPKGENDTANADAVALDLTAHAVGAGVEFLEGLSIEEY
 AALDELETCEATQKDDAEWAGESKQDETGLYTSDEEEEDSGALEVDLPSPSKKDALSAVGTLKRLFLRSH
 DLNDELHGSLADLENFINALSPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_207278

ORF Size:

1539 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_207278.2</u> , <u>NP_997161.1</u>
RefSeq Size:	3459 bp
RefSeq ORF:	1542 bp
Locus ID:	403175
UniProt ID:	<u>Q8BUZ3</u>
Cytogenetics:	3 F1
MW:	57.5 kDa