

Product datasheet for **MR217311A1V**

Mouse Tmco3 (NM_172282) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tmco3 (NM_172282) AAV Particle
Tag:	Myc-DDK
Symbol:	Tmco3
Synonyms:	B230339H12Rik; C87304
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR217311 representing NM_172282
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAAGGTACTGGACCAGAGTCTCCTCTGGATGCTGCTTCCCTTCTTTACCTGATAGCCAGTGTCTGCCG
 AGCACGAGGAGGTGGCCAAGCATGCCATCAAGCTGCACCGCGGAAGGGCGCCACTGCCACTCAGAGGAA
 ACAGTGGGCCCTGGACAGCTGCAGGAGGCTCACCGGGCTCCTGAGGCAGAAGAATGTGGTCTCAACAAA
 CTGAAGAATGCCATCAGAGCCGTGGAGAAGGACACCAGCCTTTCGGGCGAGGAGAAGCTCTTCCAGGTGC
 ACACATTCGAGATTTTCCAGAAAGAGCTGAATGAAAGTAAAAATTCGATCTTCCAGGCCATCTACGGACT
 GCAAAGAGCCCTGCAGGGCGACTACAGAGAGCTGGTCAACATGAAAGAGAGCAGCAAGCAGCGGTGGAG
 GCTCTGAGGGAGGCTGCCATTAAGGAGGAGACAGAGTATGTGGAACCTTTCGCCGAGAAAAACCAAG
 TGGAAGCCCTGAAAAACATCAACATCAAAACAAGAGTCTCTCCATGCTTGACGAGATCCTCGAAGATGT
 GAGGAAAGCCCGCAGCTCTGGAGGAGGATCGAGGAGCACGCCTTCGACGACAATAAATCAGTCAAA
 GGCGTCAACTTTGAGGCAGTTCTGAGAGTGGAGGAGGAGGAGGCCAGCTCCAAGCAGAATATGACGAAGC
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 GCCCAGAGATTCTACTATCCACGCGCAGACCACCACTTCATAAAGGACATCGTGACCATAGGGATGCTG
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 GGTCTTCTTTACTCTGTTTCTGGTTGGCTTAGAATTTTCTCCAGAGAAGCTAAGAAAGGTGTGGAGGATA
 TCCTTACAAGGACCCTGCTATATGACGCTGCTGATGATTGCCTTTGGCTTATGGTGGGACACCTCCTGC
 GGATCAGACCCACTCAGAGTGTCTTCATTTCCACCTGTCTGCTTGTGCGAGCACACCCCTGGTATCCAG
 GTTCCTAGTGGGAAGTGCCCGAGGTGATAAAGAAGCAGGTGACATCGACTACAGCACAGTGTCTTGGC
 ATGCTGGTGATGCAAGACGTGCAGCTGGGGCTGTTTATTGCCGTGATGCCAACTCTCATACAGGCCGGAG
 CGGGCGCCTCTTCCAGCGTTGTCATGGAAGTATTGCGCATACTGTTTCTGATTGGACAAATTCTCTTTTC
 GCTAGCTGCTGTCTTTCTTTGTGTCTTGTGTCATGAAGACGTATCTCATAGGACCGTATTATCGAAAGCTG
 CACCTGGAGAGCAAGGGGAACAAAGAGATCCTCGTCTGGGAGTGTGAGCCTTACCTTCTGATGCTGA
 CGGTACAGAGCTGCTGGACGTCTCCATGGAGCTTGGATGCTTCTGGCTGGAGCGCTGGTCTCTCCCA
 AGGGCACATGGTCACCGAGGAGATCATGACTTACATCGAGCCTATCCGTGACTTCTGGCCATCATCTTC
 TTCGATCCATAGGGCTCCATGTGTTCCCCACCTTTGTGATCTATGAGTTGACGGTGTGGTGTCTCTCA
 CCCTGTCCGTGGTTCATCATGAAGTTTGTGTTGGCAGTGTGGTCTTGTCTCTCATCCTGCCGAGGAGCAG
 CAGTACATCAAGTGGATCGTATCCGCTGGGCTGGCACAGGTCAGCGAGTTCTCCTTTGTCTGGGGAGT
 CGAGCAGCGAGAGCAGGCATCCTCTCCAGAGAGGTGTACCTCCTTATCCTAAGTGTGACCACACTCAGCC
 TCTTACTCGCCCCAGTGTGTGGAAAGCAGCCATTACCAAGTGTGTGCCGAGACCAGAGAGGCGCTCAAG
 TCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR217311 representing NM_172282 Red=Cloning site Green=Tags(s) MKVLDDQSLWMLLPFFHLIASAAEHEEVAKHAIKLHRGKGATATQRKQWALDSCRRLTGLLRQKNVVLNKLKNAIRAVEKDTSLSGEEKLFQVHTFEIFQKELNESENSIFQAIYGLQRALQGDYRDVVMKESSKQRLALREAAIKEETEYVELLAAEKHQVEALKNMQHQNKSLSMLEILEDVRKAADRLEEEIEEHAFDDNKSVKGVNFEAVLRVEEEEASSKQNMTRKREVEDGLGLSMLIDSQNNQYILTKPRDSTIPRADHHFIKDIVTIGMLSLPCGWLCTAIGLPTMFGYIICGVLLGPSGLNSIKSIVQVETLGEFGVFFTLFLVGLFESPEKLKKVWRI SLQGPCYMTLLMIAFGLWWGHLLRIRPTQSVFISTCLSLSSSTPLVSRFLVGSARGDKEAGDIDYSTVLLGMLVMQDVQLGLFIAVMPTLIQAGAGASSVMEVLRILFLIGQILFSLAAVFLCLVMKTYLIGPYRKLHLESGNKEILVLGVSAFTFLMLTVTELLDVSMELGCFLAGALVSSQGHMVTEEIMTYIEPIRDFLAIIFFASIGLHVFPFVIYELTVLVFLTLVSVIMKFLAVLVLSLILPRSSQYIKWIVSAGLAQVSEFSFVLGSRARRAGILSREVYLLILSVTTLSLLAPVLWKAATKCVPRPERRSSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172282
ORF Size:	2034 bp
Buffer:	PBS with 0.001% Pluronic F2614
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_172282.2, NP_758486.1</u>
RefSeq Size:	4533 bp
RefSeq ORF:	2037 bp
Locus ID:	234076
UniProt ID:	<u>Q8BH01</u>
Cytogenetics:	8 A1.1
MW:	76.4 kDa