

Product datasheet for **MR217099A1V**

Mouse Tufm (NM_172745) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tufm (NM_172745) AAV Particle
Tag:	Myc-DDK
Symbol:	Tufm
Synonyms:	2300002G02Rik; C76308; C76389; EF-TuMT; EFTU
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR217099 representing NM_172745
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCAGCCACTCTATTGCGAGCGACGCCCGCTTCAGCGGTCTCTGCGCCAGCCGACCCATTTC
 TGCAAGGTCGGCTGCGGCCGCTGAAGGCTCCCGCATCACCTTCTTGTGTCGCGGCTAGCTGTGGAGGC
 CAAGAAGACTTATGTACGCGACAAGCCCATGTGAATGTGGGTACCATCGGACATGTGGACCATGGCAAG
 ACCACCCTGACTGCAGCCATCACGAAAATTCTAGCCGAGGGAGGTGGAGCTAAGTTCAAGAAGTACGAGG
 AGATAGACAATGCCCCAGAGGAGCGAGCTCGGGGCATCACCATCAATGCAGCCCATGTGGAGTATAGCAC
 TGCTGCCCCGACACTATGCCACACAGACTGTCTGGTCATGCAGATTATGTTAAGAATATGATCACAGGC
 ACTGCCCCCTGGATGGCTGTATCCTGGTGGTGCAGCTAATGATGGCCCATGCCCCAGACCCGAGAGC
 ACTTACTGCTAGCTAAACAGATTGGGGTAGAACATGTTGTGGTGTACGTGAACAAGGCAGACGCTGTCCA
 GGACTCAGAGATGGTGGAGTTAGTCGAGCTGGAGATCCGGGAGCTGCTACCCGAGTTTGGCTATAAAGGA
 GAGGAAACTCCAGTCATCGTAGGCTCGGCTCTCTGTGCCCTTGAGCAACGTGACCTGAGCTAGGCGTGA
 AGTCAGTGCAGAAGCTCCTGGATGCTGTGGACACCTACATCCCAGTGCCACCCGGGACCTGGACAAGCC
 CTTCTGCTCCCTGTAGAGTCAGTCTACTCTATTCTGGCCGGGGCACAGTGGTGACAGGTACATTAGAG
 CGTGGCATTGTTGAAGAAAGGAGATGAGTGTGAGTTGCTGGGACATAACAAGAACATCCGCACTGTGGTGA
 CAGGCATTGAGATGTTCCACAAGAGCCTGGAGAGGGCTGAGGCAGGGGATAACCTGGGTGCTCTGGTCCG
 AGGCTTAAAGCGCAAGATTTGAGGCGTGGCTTGGTCATGGTCAAGCCAGGCTCCATCCAACCCACCAG
 AAGGTGGAGGCCAGGTTTATATCCTCAGCAAGGAGGAAGGTGGCCGCCACAAACCTTTGTATCTCATT
 TCATGCCCGTCATGTTCTCCCTGACCTGGGACATGGCCTGTGAGTCATCTTGCTCCAGGGAAGGAACT
 TGCCATGCCTGGAGAGGACTTGAAGCTTAGTCTAATCTTGCGGCAGCCCATGATCTTAGAGAAAGGCCAA
 CGTTTCACCTTGAGGGATGGCAACAAGACCATTGGCACTGGCCTTGTACTGATGTACCAGCCATGACTG
 AGGAGGACAAGAACATCAAGTGGAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAAATLLRATPRFSGLCASPTPFLQGRRLPLKAPASPFLCRGLAVEAKKTYVRDKPHVNVGTIGHVDHGK
 TTLTAATKILAEGGGAKFKYEEIDNAPEERARGITINAHVEYSTAARHYAHTDCPGHADYVKNMITG
 TAPLDGCILVVAANDGMPMQTREHLLAKQIGVEHVVVVYNKADAVQDSEMVLEVEIRELLTEFGYKG
 EETPVIVGSALCALEQRDPELGVKSQKLLDAVDYIIPVPTRDLDKPFLLPVESVYSIPGRGTVVTGLE
 RGILKKGDECELLGHKNIRTVVVTGIEMFHKSLERAEGDNLGALVRGLKREDLRRGLVMVKGPSIQPHQ
 KVEAQVYILSKEEGGRHKPFVSHFMPVMFSLTWDMACRVILPPGKELAMPGEDLKLILRQPMILEKGQ
 RFTLRDGNKTIPTGLVTDVPAMTEEDKNIKWS

TRTRPLE**QKLISEEDLA**NDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_172745

ORF Size:

1356 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_172745.3, NP_766333.1</u>
RefSeq Size:	1718 bp
RefSeq ORF:	1359 bp
Locus ID:	233870
UniProt ID:	<u>Q8BFR5</u>
Cytogenetics:	7 F3
MW:	50 kDa