

Product datasheet for **MR230438A1V**

Mouse Tjap1 (NM_001252474) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tjap1 (NM_001252474) AAV Particle
Tag:	Myc-DDK
Symbol:	Tjap1
Synonyms:	0610041D19Rik; AI415281; AW121008; Pilt; Tjp4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR230438 representing NM_001252474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGCAGTGCTGCCCTGCTAAGAAACCTTACCCTAAGGCGCCTCCAGAGCACCAGAGCTACGCCTGG
 AGATTCCCGTGTCCCGCTCGAGCAAGAGGAGTCCCTGACTGACGCAGAGCGGATGAAACTTTTGACGCA
 GGAGAATGAAGAACTTCGAAACGCCTGGCCTCAGCTACCAGAGCAGCTGAGGCCTTGGAGCGGGAGCTG
 GAAATAGGACAAGACTGCCTAGAAGTGGAGTTAGGACAGAGCCGTGAGGAGCTGGACAAGTTTAAGGACA
 AATTCCGAGGCTACAGAACAGCTACACGGCATCCAGCGGACCAACCAGGAAGTGGAGGACAAGCTGCA
 CGCACTGATCAAGAAGGCTGAGATGGACAGGAAGACGCTGGACTGGGAGATTGTGGAGCTGACCAACAAG
 CTACTGGATGCCAGGAACACCATCAATAAACTGGAAGAGCTCAATGAGCGGTACCGGCTGGACTGCAACC
 TGGCGGTGCAGCTTCTCAAGTGAACAAGTCCCACTTCCGGAACCACAAGCTTGTGACCTACCTGTGA
 GCTCCAGGACATGGTTTCAAAAACATCTGCGCAGTGGGAGGAGTTGCCAGCCCAGCCCAGCCCTTCT
 TCCAGCCTGTCCCGAGGGCTGTGGTGCTACCTCAGTCATTGCCCGGTGTGGAGAAACCTGAGTCTC
 TCTTGCTCAATTCAGCTCAGTCTGGCAGTGTGGGCGCCCTTGGCTGAGGATGTATTCTGTCATGTGGA
 CATGAGTGGGGGTGACCCAGCCAGCCCCCTGCCCGGGCAGCCCAATGGGGAGTGTGCTCAGTGAGT
 ACTGCAGGGGGTCCCGGAGGAGGAGTGCCTGCCAGCCTTCGACAAGTTGAGTCCCTACCTACCC
 CGTCTCCACCACACCATTAACCTGGTAGGAAGGTGATAGAATTCTCTGAGGACAAGATCCGAATTCC
 TCGGAACAGCCCCCTCCCAACTGTACCTATGCCACCCGCGAGCCATCTCTTGGCCTGGTGGAGGAC
 GGCAGTGAGCGGGCCACCGCAGCTCAGTGCCTAGCAGTCTGCCTCTGCCAAGGGTCGCCCCATCACC
 AGCCTAGTCCAGCTCCCTCAGCACTGAGTGGCCAGCTAGTTCGGCCAGCTCGGAGGAGACCTGCTGGC
 CAGCTGGCAGCGTGCATTGTGGACCGCACCCGCCCTGCTGCCGTGGTCCAGCGCACGGCCTTTGGA
 CGAGACTCACTGCCGAGCTACAATTGATTTCTCCCGGGCCACTCCACAGCCCCACCGCCTTCCCGC
 ACCGTGAGCGGGGACTTGTGCTGCCAGCAGAACCTGACTCTGGCTTCTCAAGACGAGGAAGAGGAAAT
 GCTGAACCTGCCTGTAGCCCCGAGGAAGAGCGTCAGAGCCTGCTGCCTGATAAAGAGGGCAGGAGGAG
 GCCTCTGGCCCTTCTCATGTTGATGGCAGGGCTGGCCTCTCCCAAGTCCAGCCGCCCCAGCGCAGCC
 CCAAGAGAATGGGAGTACACCATCTCCACCGCAAGGACAGCCTGACGAGGCACAGGAGCAGGGCACTGT
 GCTCAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MSSAAPAKKPYRKAPPEHRELRLIIPVSRLEQEEESLTDARMKLLQENEELRKRLASATRRTEALEREL
 EIGQDCLELELGQSREELDKFKDKFRRLQNSYASQRTNQLEDKLHALIKKAEMDRKTLDWEIVELTNK
 LLDARNTINKLEELNERYRLDCNLAVQLKCNKSHFRNHLADLPCELQDMVRKHLRSGQEVASPSPPS
 SSLSPGAVVPTSVIARVLEKPESLLLSAQSGSAGRPLAEDVFVHVDMSGDPASPAPGSPNGECCSVS
 TAGGSPEEELPLPAFDKLSPTYTPSPHPLYPGRKVIEFSEDKIRIPRNSPLPNCTYATRQAIISLSLVED
 GSEARHRSSVPSPASAGSPHHQSPAPALSAPASSASSEEDLLASWQRAFDRTPPPAVVQRTAFG
 RDSLPELQLHFSFGHSTAPPPSPHRERGLVLPAPDSGFPQDEEEEMNLNLPVSPEEERQSLLPDKEGTEE
 ASGPSHVDGRAWPLPSPSRPQRSKRMGVHHLHRKDSLTAQAEQGTVLS

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001252474

ORF Size:	1617 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_001252474.1, NP_001239403.1</u>
RefSeq Size:	2462 bp
RefSeq ORF:	1620 bp
Locus ID:	74094
UniProt ID:	<u>Q9DCD5</u>
Cytogenetics:	17 C
MW:	59.4 kDa