

Product datasheet for **RC216166A1V**

Human Tau (MAPT) (NM_016835) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tau (MAPT) (NM_016835) AAV Particle
Tag:	Myc-DDK
Symbol:	MAPT
Synonyms:	DDPAC; FTDP-17; MAPTL; MSTD; MTBT1; MTBT2; PPND; PPP1R103; TAU; tau-40
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC216166 representing NM_016835
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTGAGCCCCGCCAGGAGTTCGAAGTGATGGAAGATCACGCTGGGACGTACGGGTTGGGGACAGGA
 AAGATCAGGGGGCTACACCATGCACCAAGACCAAGAGGGTGACACGGACGCTGGCCTGAAAGAATCTCC
 CCTGCAGACCCCCACTGAGGACGGATCTGAGGAACCGGGCTCTGAAACCTCTGATGCTAAGAGCACTCCA
 ACAGCGGAAGATGTGACAGCACCTTAGTGATGAGGGAGCTCCCGGCAAGCAGGCTGCCGCGCAGCCCC
 ACACGGAGATCCAGAAGGAACCAAGCTGAAGAAGCAGGCATTGGAGACACCCCAAGCTGGAAGACGA
 AGCTGCTGGTCACGTGACCAAGAGCCTGAAAGTGGTAAGGTGGTCCAGGAAGGCTTCTCCGAGAGCCA
 GGCCCCCAGGTCTGAGCCACCAGCTCATGTCCGGCATGCCTGGGGCTCCCTCTGCTGAGGGCCCCA
 GAGAGGCCACAGCCAACCTTCGGGGACAGGACCTGAGGACACAGAGGGCGGCCACGCCCTGAGCT
 GCTCAAGCACCAGCTTCTAGGAGACCTGCACCAGAGGGGCGCCGCTGAAGGGGACAGGGGCAAGAG
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 CCTCCAAGGCCTCCCCAGCCCAAGATGGGCGGCCTCCCCAGACAGCCGCGCAGAGAAGCCACCAGATCCC
 AGGCTTCCCAGCGGAGGGTGCCATCCCCCTCCCTGTGGATTTCCTCTCCAAAGTTTCCACAGAGATCCCA
 GCCTCAGAGCCCGACGGGCCAGTGTAGGGCGGGCCAAAGGGCAGGATGCCCCCTGGAGTTCACGTTTC
 ACGTGGAAATCACACCAACGTGCAGAAGGAGCAGGCGCACTCGGAGGAGCATTTGGGAAGGGCTGCATT
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 GACCCTCTGATCCAACCTCCAGCCCTGCTGTGTGCCAGAGCCACCTTCTCTCTAAACACGTCTCTT
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 GATCGCCACACCGCGGGGAGCAGCCCTCCAGGCCAGAAGGGCCAGGCCAACGCCACCAGGATTCAGCA
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 CCGGGAGCCCAAGAAGGTGGCAGTGGTCCGTACTCCACCAAGTCGCCGTCTTCGCCAAGAGCCGCTG
 CAGACAGCCCCCGTGCCATGCCAGACCTGAAGAATGTCAAGTCCAAGATCGGCTCCACTGAGAACCTGA
 AGCACCAGCCGGGAGGCGGGAAGGTGCAGATAATTAATAAGAAGCTGGATCTTAGCAACGTCCAGTCCAA
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 GACCTGAGCAAGGTGACCTCAAAGTGTGGCTCATTAGGCAACATCCATCATAAACCAGGAGGTGGCCAGG
 TGGAAGTAAATCTGAGAAGCTTGACTTCAAGGACAGAGTCCAGTCAAGATTGGGTCCCTGGACAATAT
 CACCCACGTCCCTGGCGGAGGAAATAAAAGATTGAAACCCACAAGCTGACCTTCCGCGAGAACGCCAAA
 GCCAAGACAGACCAGGGGCGGAGATCGTGTACAAGTCGCCAGTGGTGTCTGGGGACACGTCTCCACGGC
 ATCTCAGCAATGTCTCTCCACCGGCAGCATCGACATGGTAGACTCGCCCCAGCTCGCCACGCTAGCTGA
 CGAGGTGTCTGCCTCCCTGGCCAAGCAGGGTTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC216166 representing NM_016835 Red=Cloning site Green=Tags(s) MAEPRQEFVEMDHAGTYGLGDRKDQGGYTMHQDQEGD TDAGLKESPLQTPTEDGSEEPGSETSDAKSTP TAEDVTAPLVDEGAPGKQAAAQPHTEIPEGTTAEEAGIGDTPSLEDEAAGHVTQEPESGKVVQEGFLREP GPPGLSHQLMSGMPGAPLLPEGPREATRQPSGTGPEDEGGRHAPELLKHQLLGDLHQEGPPLKGAGGKE RPGSKEEVDEDRDVESSPQDSPPSKASPAQDGRPPQTAAREATSIPGFPAEGAIPLPVDFLSKVSTEIP ASEPDGPSVGRAKGQDAPLEFTFHVEITPNVQKEQAHSEEH LGRAAFPGAPGEGPEARGPSLGEDTKEAD LPEPSEKQPAAPRGKPVSRVPQLKARMVSKSKDGTGSDDKKAKTSTRSSAKTLKNRPCLSPKLPTPGSS DPLIQPSSPAVCPEPPSSPKHVSSVTSRTGSSGAKEMKLKGADGKTKIATPRGAAPPQKGQANATRI PA KTPPAPKTPPSSGEPKSGDRSGYSSPGSPGTPGSRSRTPSLPTPTREP KKVAVVRTPPKSPSSAKSRL QTAPVPM PDLKNVSKIGSTENLKHQPGGKVQIINKKLDL SNVQSKCGSKDN IKHVPGGGSVQIVYKPV DL SKVTSKCGSLGNIHHKPGGGQVEVKSEKLD FKDRVQSKIGSLDNITHVPGGGNKKIETHKLT FREN AK AKTDHGA EIVYKSPVVS GDTSPRHL SNVSSTGSIDMVDS PQLATLADEV SASLAKQGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_016835
ORF Size:	2274 bp
Buffer:	PBS with 0.001% Pluronic F7505
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:	NM_016835.1 , NP_058519.1
RefSeq Size:	3747 bp
RefSeq ORF:	2277 bp
Locus ID:	4137
UniProt ID:	P10636
Cytogenetics:	17q21.31
MW:	78.7 kDa