

Product datasheet for **RC213312A1V**

Human Tau (MAPT) (NM_005910) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Tau (MAPT) (NM_005910) AAV Particle
Tag:	Myc-DDK
Symbol:	Tau
Synonyms:	DDPAC; FTDP-17; MAPTL; MSTD; MTBT1; MTBT2; PPND; PPP1R103; TAU; tau-40
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC213312 representing NM_005910 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCTGAGCCCCGCCAGGAGTTCGAAGTGATGGAAGATCACGCTGGGACGTACGGGTTGGGGACAGGA
AAGATCAGGGGGGCTACACCATGCACCAAGACCAAGAGGGTGACACGGACGCTGGCCTGAAAGAATCTCC
CCTGCAGACCCCCACTGAGGACGGATCTGAGGAACCGGCTCTGAAACCTCTGATGCTAAGAGCACTCCA
ACAGCGGAAGATGTGACAGCACCTTAGTGGATGAGGGAGCTCCCGCAAGCAGGCTGCCGCGCAGCCCC
ACACGGAGATCCCAGAAGGAACACAGCTGAAGAAGCAGGCATTGGAGACACCCCGAGCTGGAAGACGA
AGCTGCTGGTACGTGACCAAGCTCGCATGGTCAAGTAAAGCAAGACGGGACTGGAAGCGATGACAAA
AAAGCCAAGGGGGCTGATGGTAAACGAAGATCGCCACACCGCGGGAGCAGCCCTCCAGGCCAGAAGG
GCCAGGCCAACGCCACCAGGATTCCAGCAAAAACCCCGCCGCTCCAAAGACACCACCCAGCTCTGGTGA
ACCTCCAAAATCAGGGGATCGCAGCGGCTACAGCAGCCCCGCTCCCGAGGACTCCCGGAGCCGCTCC
CGCACCCCGTCCCTTCAACCCACCCACCGGAGCCCAAGAAGGTGGCAGTGGTCCGTAATCCACCCA
AGTCGCCGTCTTCGCCAAGAGCCGCTGCAGACAGCCCCGTGCCATGCCAGACCTGAAGAATGTCAA
GTCCAAGATCGGCTCCACTGAGAACCTGAAGCACCAGCCGGGAGGCGGGAAGGTGCAGATAATTAATAAG
AAGCTGGATCTTAGCAACGTCCAGTCCAAGTGTGGCTCAAAGGATAATATCAAACACGTCCCGGAGGCG
GCAGTGTGCAAAATAGTCTACAAACAGTTGACCTGAGCAAGGTGACCTCCAAGTGTGGCTCATTAGGCAA
CATCCATCATAAACAGGAGGTGGCCAGGTGGAAGTAAATCTGAGAAGCTTGACTTCAAGGACAGAGTC
CAGTCGAAGATTGGTCCCTGGACAATATCACCCACGTCCCTGGCGGAGGAAATAAAAAGATTGAAACCC
ACAAGCTGACCTTCCGCGAGAACGCCAAGCAAGACAGACCAGGGGCGGAGATCGTGTACAAGTCGCC
AGTGGTGTCTGGGACACGTCTCCACGGCATCTCAGCAATGTCTCTCCACCGGCAGCATCGACATGGTA
GACTCGCCCCAGCTCGCCACGCTAGCTGACGAGGTGTCTGCCTCCCTGGCCAAGCAGGGTTTG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC213312 representing NM_005910 Red=Cloning site Green=Tags(s) MAEPRQEFVEMEDHAGTYGLGDRKDQGGYTMHQDQEGDTDAGLKESPLQTPTEDGSEEPGSETSDAKSTP TAEDVTAPLVDEGAPGKQAAQPHTEIPEGTTAEEAGIGDTPSLEDEAAGHVTQARMVSKSKDGTGSDDK KAKGADGKTKIATPRGAAPPQQKQANATRIPAKTPAPKTPPSSGEPKSGDRSGYSSPGSPGTPGSRS RTPSLPTPPTREPKKVAVVRTPPKSPSSAKSRLQTAPVMPDLKNVSKIGSTENLKHQPGGGKVQIINK KLDLSNVQSKCGSKDNIKHVPGGGSVQIVYKPVDL SKVTSKCGSLGNIHHKPGGGQVEVKSEKLDKFDKRV QSKIGSLDNITHVPGGGNKKIETHKLTFRENAKAKTDHGAEIVYKSPVVS GDTSPRHL SNVSSTGSIDMV DSPQLATLADEV SASLAKQGL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005910
ORF Size:	1323 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:	NM_005910.3
RefSeq Size:	5731 bp
RefSeq ORF:	1326 bp
Locus ID:	4137
UniProt ID:	P10636
Cytogenetics:	17q21.31
MW:	45.7 kDa