

Product datasheet for **RC204242A1V**

Human TAP1 (NM_000593) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TAP1 (NM_000593) AAV Particle
Tag:	Myc-DDK
Symbol:	TAP1
Synonyms:	ABC17; ABCB2; APT1; D6S114E; PSF-1; PSF1; RING4; TAP1*0102N; TAP1N
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC204242 representing NM_000593
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTGAGCTTCTCGCCAGCGCAGGATCAGCCTGTTCTGGGACTTTCCGAGAGCCCCGCCCTCGTTCC
 CTCCCCCAGCCGCCAGTAGGGGAGGACTCGGCGGTACCCGGAGCTTCAGGCCCCACCGGGGCGCGGAGAG
 TCCCAGGCCCGGCCGGGACCGGACGGCGTCCGAGTGCCAATGGCTAGCTCTAGGTGTCCCGCTCCCCGC
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 CTGGGCGGTGGGCTGAGCCGCTGGGCCGTGCTCTGGTGGGGGCTGCGGGGTCTCAGGGCAACGGTT
 GGCTCCAAGAGCGAAAACGCAGGTGCCAGGGCTGGCTGGCTGCTTTGAAGCCATTAGCTGCGGCACTGG
 GCTTGGCCCTGCCGGGACTTGCCTTGTTCGAGAGCTGATCTCATGGGAGCCCCGGGTCCGCGGATAG
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 GCAGCCCTGTGGCACAACCTCGGGAGCCTCTGGGTGCCCGCGGTGAGGCGGCTCTGGAACCCCTGTGC
 GTCGGCTTCTAGGCTGCCTGGGCTCGGAGACGCGCCGCTCTCGCTGTTCTGGTCTGGTGGTCTCTC
 CTCTCTTGGGAGATGGCCATTCCATTCTTACGGGCCGCTCACTGACTGGATTCTACAAGATGGCTCA
 GCCGATACCTTCACTCGAACTTAACCTCATGTCCATTCTCACCATAGCCAGTGCAGTCTGGAGTTTCG
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 GACACGTCCACCCTGAGTGATTCTCTGAGTGAGAATCTGAGCTTATTTCTGTGGTACCTGGTGGCAGGGC
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 GGGCAGCTGGTGACCACTGGGCTGTAAGCAGTGGGAACCTTGTACATTTGTTCTTACCAGATGCAGT
 TCACCCAGGCTGTGGAGTACTGCTCTCCATCTACCCAGAGTACAGAAGGCTGTGGGCTCCTCAGAGAA
 AATATTTGAGTACCTGGACCGCACCCCTCGCTGCCACCCAGTGGTCTGTTGACTCCCTTACACTTGGAG
 GGCCTTGTCCAGTTCCAAGATGTCTCCTTGCCTACCCAAACCGCCAGATGTCTTAGTGCTACAGGGC
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 GGCTGCCTGTGCGAATCTGTACCAGCCACCGGGGACAGCTGCTGTTGGATGGGAAGCCCCCTTCCC
 CAATATGAGCACCGCTACCTGCACAGGCAGGTGGCTGCAGTGGGACAAGAGCCACAGGTATTTGGAAGAA
 GTCTTCAAGAAAATATTGCCTATGGCCTGACCCAGAAGCCAATATGGAGGAAATCACAGCTGCTGCAGT
 AAAGTCTGGGGCCCATAGTTTCATCTCTGGACTCCCTCAGGGCTATGACACAGAGGTAGACGAGGCTGGG
 AGCCAGCTGTGAGGGGTCAGCGACAGGCAGTGGCGTTGGCCGAGCATTGATCCGGAACCGTGTGTAC
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 AAGCCCTGAGCGGTACTCCCGCTCAGTGCTTCTCATACCCAGCACCTCAGCCTGGTGGAGCAGGCTGAC
 CACATCCTCTTTCTGGAAGGAGCGCTATCCGGGAGGGGGAACCCACCAGCAGCTCATGGAGAAAAAGG
 GGTGCTACTGGGCCATGGTGCAGGCTCCTGCAGATGCTCCAGAA

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC204242 representing NM_000593 Red=Cloning site Green=Tags(s) MAELLASAGSACSWDFPRAPPSFPPPAASRGGLGGTRSFRRHGAESPRPGRDRDGVVRPMASRCAPR GCRCLPGASLAWLGTVLLLLADWVLLRTALPRIFSLLVPTALPLLRVWAVGLSRWAVLWLGACGVLRAV GSKSENAGAQQWLAALKPLAAALGLALPGLALFRELISWGAPGSADSTRLLHWGSHPTAFVVSAAAALPA AALWHKLGSLWVPGGQGGSGNPVRRLLGCLGSETRRLSLFLVLVSSLGEMAIPTFTGRLTDWILQDGS ADTFTRNLTLMSILTIASAVLEFVGDGIYNNTMGHVHSHLQGEVFGAVLRQETEFFQQNQGTGNIMSRVTE DTSTLSDSLSENLSLFLWYLVRGLCLLGIMLWGSVSLTMVTLITLPLLFLLPKKVGVKQWYQLLEVQVRESL AKSSQVAIEALSAMPTVRSFANEEGEAQKFREKLQEIKTLNQKEAVAYAVNSWTTISGMLLKVGILYIG GQLVTSGAVSSGNLVTFLVYQMQFTQAVEVLLSIYPRVQKAVGSSEKIFEYLDRTPRCPPSGLLTPLHLE GLVQFQDVSFAYPNRPDVLVLQGLTFTLRPGEVTALVGPNGSGKSTVAALLQNLQPTGGQLLLDGKPLP QYEHRYLHRQVAAVGQEPQVFGRSLQENIAYGLTQKPTMEEITAAAVKSGAHSFISGLPQGYDTEVDEAG SQLSGGQRQAVALARALIRKPCVLILDATSALDANSQLQVEQLLYESPERYSRSVLLITQHL SLVEQAD HILFLEGGAIREGGTHQQLMEKKGCYWAMVQAPADAPE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000593
ORF Size:	2424 bp
Buffer:	PBS with 0.001% Pluronic F5540
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_000593.5 , NP_000584.2
RefSeq Size:	2974 bp
RefSeq ORF:	2247 bp
Locus ID:	6890
UniProt ID:	Q03518
Cytogenetics:	6p21.32
MW:	87 kDa