

Product datasheet for **RC216204A1V**

Human TBX1 (NM_080647) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBX1 (NM_080647) AAV Particle
Tag:	Myc-DDK
Symbol:	TBX1
Synonyms:	CAFS; CATCH22; CTHM; DGCR; DGS; DORV; TBX1C; TGA; VCF; VCFS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC216204 representing NM_080647
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCACTTCAGCACCGTCACCAGGGACATGGAAGCCTTCACGGCCAGCAGCCTGAGCAGCCTGGGGGCCG
 CGGGGGGCTTCCCGGGCGCCGCGTCGCCGGCGCCGACCGGTACGGCCCGCGCAGCCCCCGCGCCGCC
 GCGCTACGACCGGTGCGCCGCCGCCGCCCGCGCGCCCGGGTCCGCGCGCCGCCGCGCACGCTACCCG
 TTTGCGCCGGCGCGGGGCCGCCACAGCGCCGCCGCGAGCCGAGGGCCCCGGGGCCAGCTGCGCGG
 CCGCAGCCAAGGCGCCGGTGAAGAAGAACGGAAGGTGGCCGGTGTGAGCGTGCAGCTAGAGATGAAGGC
 GCTGTGGGACGAGTTCAACAGCTGGGCACGAGATGATCGTCACCAAGGCCGGCAGGCGGATGTTTCCC
 ACCTTCCAAGTGAAGCTCTTCGCGATGGATCCCATGGCCGACTATATGCTGCTCATGGACTTCGTGCCGG
 TGGACGATAAGCGCTACCGGTACGCCTCCACAGCTCCTCTGGCTGGTGGCGGGGAAGGCCGACCTGC
 CAGGCCAGGCCGCGTGCCTACACCCGAGTGCCTGCCAAGGGCGCGCAGTGGATGAAGCAAAATCGTG
 TCCTTCGACAAGCTCAAGCTGACCAACAACTTACTGGACGACAACGGCCACATTATTCTGAATTCATGC
 ACAGATACCAGCCCCGCTTCCACGTGGTCTATGTGGACCCACGAAAGATAGCGAGAAATATGCCGAGGA
 GAACTTCAAAACCTTTGTGTTTCGAGGAGACAGATTACCCGCGGTCACTGCCTACCAGAACCATCGGATC
 ACGCAGCTCAAGATTGCCAGCAATCCCTTCGCGAAAGGCTTCCGGGACTGTGACCTGAGGACTGGCCCC
 GGAACCAACGGCCCGCGCACTGCCGCTCATGAGCGCCTTCGCGCGCTCGCGGAACCCGTGGCTTCCCC
 GACGCAGCCAGCGGCACGGAGAAAGACGCGGTGAGGCCCGGCGAGAATTCCAGCGCAGCGGGCGGG
 CCAGCGGTGCTCGGGGACCGCGCATCTCCGACGTGCTGGCCCGGTGCTAAGCCCCCTCGTGCCCCG
 GGGCCGGCGCGCCGGCGGCTTAGTCCCGCTGCCCGGCGCGCCGAGGCCGGCCAGTCCCCGAACCC
 CGAGCTGCGCCTGGAGGCGCCCGCGCATCGGAGCCGCTGCACCAACCCCTACAAATATCCGGCCGCC
 GCCTACGACCACTATCTCGGGGCAAGAGCCGGCGCGCCCTACCCGCTGCCCGGCTGCGTGGCCACG
 GCTACCACCGCAGCGCATCCGACCAACCACCAACCCGCTGAGTCCAGCGCCGCGCGCCGCCCGC
 CGCTGCCGAGCTGCCGCGGCCCAACATGTACTCGTGGCCGAGCCGCGCGCCCGGCTCTACGAC
 TATTGCCCCAGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216204 representing NM_080647
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MHFSTVTRDMEAFASSLSSSLGAAGGFPGAASPGADPYGPPEPPPPRYDPCAAAAPGAPGPPPPHAYP
 FAPAAGAATSAAAEPEGPGASCAAAAKAPVKNAKVAGVSVQLEMKALWDEFNQLGTEMIIVTKAGRRMFP
 TFQVKLFGMDPMADYMLLMDFVPVDDKRYRYAFHSSSWLVAGKADPATPGRVHYHPDSPAKGAQWMQIV
 SFDKLLKLTNNLLDDNGHIILNSMHRYQPRFHVVYVDPRKDSEKYAEENFKTFVFEETRTFTAVTAYQNHRI
 TQLKIASNPFAKGFRCDPEDWPRNHRPGALPLMSAFARSNPVASPTQPSGTEKDAAEARREFQRDAGG
 PAVLGDPAHPPLQLARVLSPLPGAGGAGGLVPLPGAPGGRPSPPNPELRLEAPGASEPLHHHPYKYPAA
 AYDHYLGAKSRPAPYPLPLRLRGHYHHPHHPHHHPVSPAAAAAAAAAAAAAAAAAMYSAGAAPPGSYD
 YCPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_080647

ORF Size:

1482 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_080647.1, NP_542378.1</u>
RefSeq Size:	2082 bp
RefSeq ORF:	1488 bp
Locus ID:	6899
UniProt ID:	<u>O43435</u>
Cytogenetics:	22q11.21
MW:	52.5 kDa