

Product datasheet for **RC214605A1V**

Human TBX1 (NM_080646) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBX1 (NM_080646) AAV Particle
Tag:	Myc-DDK
Symbol:	TBX1
Synonyms:	CAFS; CATCH22; CTHM; DGCR; DGS; DORV; TBX1C; TGA; VCF; VCF5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC214605 representing NM_080646 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCACTTCAGCACCGTCACCAAGGACATGGAAGCCTTCACGGCCAGCAGCCTGAGCAGCCTGGGGGCCG
CGGGGGGCTTCCCGGGCGCCGCGTCGCCCGGCGCCGACCCGTACGGCCCGCGCGAGCCCCCGCCGCCGCC
GCCGCGCTACGACCGGTGCGCGCCGCCGCCCGCCCGGCCCGGGCCCGCCGCCGCCCGCACGCCTAC
CCGTTTTCGCGCGGCCCGGGGCCGCCACCAAGCGCCGCCGAGCCCGAGGGCCCGGGGCCAGCTGCG
CGGCCGAGCCAAGGCGCCGCTGAAGAAGAAGCGAAGGTGGCCGCTGTAGCGTGCAGCTAGAGATGAA
GGCGCTGTGGGACGAGTTCAACCAAGCTGGGCACCGAGATGATCGTCACCAAGGCCGCGAGCGGATGTTT
CCACCTTCCAAGTGAAGCTCTTCGGCATGGATCCCATGGCCGACTATATGCTGCTCATGGACTTCGTGC
CGGTGGACGATAAGCGCTACCGGTACGCCTTCCACAGCTCCTCCTGGCTGGTGGCGGGGAAGGCCGACCC
TGCCACGCCAGGCCGCGTGCCTACCAACCGGACTCGCCTGCCAAGGGCGCGCAGTGGATGAAGCAAATC
GTGTCTTCGACAAGCTCAAGCTGACCAACAATTACTGGACGACAACGCCACATTATTCTGAATTCCA
TGCACAGATACCAGCCCCGCTTCCACGTGGTCTATGTGGACCCACGAAAGATAGCGAGAAATATGCCGA
GGAGAACTTCAAAACCTTTGTGTTGAGGAGACACGATTACCGCGGTCACTGCCTACCAGAACCATCGG
ATCACGCAGCTCAAGATTGCCAGCAATCCCTTCGCGAAAGGCTTCGGGACTGTGACCTGAGGACTGGC
CCCGGAACCAACGGCCCGGCGCACTGCCGCTCATGAGCGCCTTCGCGCGCTCGCGGAACCCCGTGCTTC
CCCGACGACGCCAGCGGCACGAGAAAGGTGGACATGTCTGAAGGACAAGGAAGTGAAGCTGAGACG
TCTAGGAACACACCAGAGAGAGAAGTGGAGCTTCTGAGGGATGCAGGTGGCTGTGTGAACCTGGGGCTCC
CCTGCCCGCAGAGTGCCAACCTTCAATACCAAGGCGCTGGTGGCTGGGAGGACCGCAGGTGACCGTCT
TTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC214605 representing NM_080646 Red=Cloning site Green=Tags(s) MHFSTVTRDMEFTASSLSSSLGAAGGFPGAASPGADPYGPREPPPPPPRYDPCAAAAPGAPGPPPPHAY PFAPAAGAATSAAAEPEGPGASCAAAKAPVKNAKVAGVSVQLEMKALWDEFNLGTEMIIVTKAGRRMF PTFQVKLFGMDPMADYMLLMDFVPVDDKRYRYAFHSSSWLVAGKADPATPGRVHYHPDSPAKGAQWMKQI VSFDKLKLTNNLLDDNGHIILNSMHRYQPRFHVVYVDPKRDSEKYAEENFKTFVFEETRFATVAYQNR ITQLKIASNPFAGKFRDCDPEDWPRNHRPGALPLMSAFARSRNPVASPTQPSGTEKGGHVLKDKEYKAET SRNTPEREVELLRDAGGCYNLGLPCPAECQPFNTQGLVAGRTAGDRLC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_080646
ORF Size:	1194 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_080646.1</u> , <u>NP_542377.1</u>
RefSeq Size:	1482 bp
RefSeq ORF:	1197 bp
Locus ID:	6899
UniProt ID:	<u>O43435</u>
Cytogenetics:	22q11.21
MW:	43 kDa