

Product datasheet for **RC220990A1V**

Human TBX3 (NM_005996) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBX3 (NM_005996) AAV Particle
Tag:	Myc-DDK
Symbol:	TBX3
Synonyms:	TBX3-ISO; UMS; XHL
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC220990 representing NM_005996
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGCCTCTCCATGAGAGATCCGGTCATTCTGGGACAAGCATGGCCTACCATCCGTTCTACCTCACC
 GGGCGCCGGACTTCGCCATGAGCGCGGTGCTGGGTACACAGCCGCCGTTCTTCCCGCGCTGACGCTGCC
 TCCCAACGGCGCGGCGCGCTCTCGCTGCCGGCGCCCTGGCCAAGCCGATCATGGATCAATTGGTGGGG
 GCGGCCGAGACCGGCATCCCGTTCTCTCCCTGGGGCCCCAGGCGCATCTGAGGCCTTTGAAGACCATGG
 AGCCCCAAGAAGAGGTGGAGGACGACCCCAAGTGCACCTGGAGGCTAAAGAACTTTGGGATCAGTTTCA
 CAAGCGGGGCACCGAGATGGTCATTACCAAGTCGGGAAGGCGAATGTTTCCTCCATTTAAAGTGAGATGT
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 AATTTCAATCTCGGTGGATGGTGGCTGGTAAGGCCGACCCGAAATGCCAAGAGGATGTACATTCA
 CCCGGACAGCCCGCTACTGGGGAACAGTGGATGTCAAAGTCGTCACTTCCACAACTGAAACTCACC
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 AGATCTCCACCACCGTCGGAGGAGCCTGCCGTGACAAGGGCAGCCCCGCGGTCAAGGCTCACCTTTT
 CGCTGCTGAGCGGCCCGGGACAGCGGGCGGCTGGACAAAGCGTCGCCCGACTACGCCATAGCCCCGCC
 ACCATCTCGTCCAGCACTCGCGGCTGGGCGCGGAGGAGCGCAGGAGCCCGGTTGCGGAGGGCACAGCGC
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 CGCGGCCGCCGCGCACCTGGCCAGGGCCCCCTGCCTGGCTCGGCTTCGCCCGGGCTGGCGGGCCAA
 CAGTTCTTCAACGGGCACCCGCTCTTCTGCACCCAGCCAGTTTGCCATGGGGGGCGCCTTCTCCAGCA
 TGGCGGCCGCTGGCATGGTCCCCTCTGGCCACGTTTCTGGGGCTCCACCGGTGTCTCGGGCTGGA
 TTCCACGGCCATGGCCTCTGCCGCTGCGGCGCAGGACTGTCCGGGCGTCCGCGCCACCCTGCCCTTC
 CACCTCCAGCAGCACGTCTGGCCTCTCAGGGCTGGCCATGTCCCCTTCGGAAGCCTGTTCCCTTACC
 CCTACAGTACATGGCCGAGCGCGCGGCGCCTCTCTGCGGCAGCCTCCAGCTCGGTGCACCGCCACCC
 CTTCTCAATCTGAACACCATGCGCCCCGCGGTGCGCTACAGCCCTACTCCATCCCGGTGCCGGTCCCG
 GACGGCAGCAGTCTGCTCACCACCGCCCTGCCCTCCATGGCGGCGGCCGCGGGGCCCCCTGGACGGCAAAG
 TCGCCGCCCTGGCGGCCAGCCGGCCTCGGTGGCAGTGGACTCGGGCTCTGAACCAACAGCCGCTCCTC
 CACGCTCTCTCCAGTCCATGTCTTGTGCCCCAACTCTGCGCGGAGAAAGAGGCGGCCACAGCGAA
 CTGCAGAGCATCCAGCGGTTGGTTAGCGGCTTGAAGCCAAGCCGACAGGTCCCGCAGCGCTCCCCG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC220990 representing NM_005996 Red=Cloning site Green=Tags(s) MSLSMRDPVIPGTSMAYHPFLPHRAPDFAMSAVLGHQPPFFPALTLPPNGAAALSLPGALAKPIMDQLVG AAETGIPFSSSLGPQAHRLPLKTEPEEEVEDDPKVHLEAKELWDQFHKRGTEMVITKSGRRMFPPFKVRC SGLDKKAKYILLMDIIAADDCRYKFHNSRWMVAGKADPEMPKRMYPHPDSPAATGEQWMSKVVTFFHKLKLT NNISDKHGFITILNSMHKYQPRFHIVRANDILKLPYSTFRTYLFPETEFIAVTAYQNDKITQLKIDNNPFA KGFRDTGNRRERKQQLTLQSMRVFDERHKKENGTSDESSSEQAAFNCFAQASSPAASTVGTSLNKDLCF SEGESDAEAEESKEEHGPEACDAAKISTTTSEPCRDKGSPAVKAHLFAAERPRDSGRLDKASPSRHSFA TISSTSRGLGAEERRSPVREGTAPAKVEEARALPGKEAFAPLTVQTDAAAHLAQGPLPGLGFAPGLAGQ QFFNGHPLFLHPSQFAMGGAFSSMAAGMGPPLATVSGASTGVSGLDSTAMASAAAQGLSGASAATLFP HLQQHVLASQGLAMPFGSLFPYPYTYMAAAAASSSSVHRHPFLNLNTRPRLRYPSPYIPVPVP DGSSLLTTALPSMAAAGPLDGKVAALAASPASVAVDSGSELNSRSTLSSSSMSLSPKLCAEKEAATSE LQSIQRLVSGLEAKPDRSRASAP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005996
ORF Size:	2169 bp
Buffer:	PBS with 0.001% Pluronic F8265
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_005996.3</u>
RefSeq Size:	4754 bp
RefSeq ORF:	2172 bp
Locus ID:	6926
UniProt ID:	<u>O15119</u>
Cytogenetics:	12q24.21
MW:	77 kDa