

Product datasheet for **MR227271A1V**

Mouse Tbx20 (NM_194263) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tbx20 (NM_194263) AAV Particle
Tag:	Myc-DDK
Symbol:	Tbx20
Synonyms:	9430010M06Rik; AL022859; Tbx12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR227271 representing NM_194263
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGAGTTCACGGCGTCGCCAAGCCCCAGCTCTCTCTCGAGCCAATGCCTTCTCCATCGCCGCGCTTA
 TGTCCAGCGGCCGCCCAAGGAGAAGGAGGCAGCAGAGAACCACCATCAAACCCCTGGAACAATTTGTGGA
 GAAATCATCATGTGCCAGCCACTGGGTGAGCTGACGAGTCTGGATGCTCACGCGGAGTTTGGCGCGGG
 GGCGGCAGCCCATCTCATCTCTGTGCACAGAGCCACTGATACCCACCACCCCATCATCCCCAGCG
 AAGAGATGGCTAAATCGCCTGCAGCCTGGAACGAAGGAGCTCTGGGACAAATCCATGAAGTGGGCAC
 GGAGATGATAATACCAAGTCTGGCAGGAGGATGTTCCCCACCATCCGCGTGTCATTTTCTGGAGTGGAT
 CCTGAGTCCAAGTATATAGTCTGATGGACATCGTCCCGGTGGACAACAAGAGATACCGCTATGCCTACC
 ACCGGTCATCTGGCTGGTGGCTGGCAAAGCTGATCCCCGCTGCCAGCCAGGCTCTACGTGCACCCAGA
 CTCCCCCTTTACTGGCGAGCAGCTCTCAAACAGATGGTGTCTTTTGAAGGTGAAGCTACCAACAAT
 GAACTGGATCAACACGGCCATATAATTTGAATTCAATGCATAAGTACCAGCCACGGGTGCATCATATAA
 AGAAGAAAGACCACACGGCCTCCTTGCTCAATCTGAAGTCAGAAGAATTCAGGACGTTTCATCTTCCAGA
 GACAGTTTTACAGCAGTCACAGCCTACCAGAACCAACTGATAACCAAGCTGAAAATAGACAGCAATCCG
 TTTGCCAAAGGATTCGGGACTCCTCCAGGCTCACTGACATTGAGAGGGAGAGTGTGGAGAGCCTGATCC
 AGAAGCATTCTATGCCCGGTACCCATCCGCACCTATGGGAAGAGGATGTTCTGGGGGAGGAGAGTCA
 AACAACTCAGAGTCGAGGATCAGCCTTTACAACATCTGACAATTTGTCTCTCAGTTCCTGGGTATCGTCA
 TCTTCCAGTTTTCTGGATTTTACGATCCACAGCCCTGACTGCTCTTGGTACCAGTACAGCATCCATAG
 CGACACCGATTCTCACCTATACAGGGTTCTCTGCCACCATATAGCCGCTGGGAATGCCTCTGACCCC
 ATCTGCAATAGCCAGCTCCATGCAGGGAAGTGGTCCACGTTCCCTTCATTCCACATGCCTAGATACCAT
 CACTACTTCCAGCAGGGGCCCTACGCTGCCATCCAAGGACTTCGCCACTCCTCCGCTGTGATGACGCCAT
 TTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEFTASPKPQLSSRANAFSIAALMSSGGPKEKEAAENTIKPLEQFVEKSSCAQPLGELTSLDAHAIEFGGG
 GGSPSSSSSLCTEPLIPTPIIPSEEMAKIACSLETKEKELWDFHELGTMIITKSGRRMFPTIRVSFSGVD
 PESKYIVLMDIVPDNKRIRYAYHRSSWL VAGKADPPLPARLYVHPDSPFTGEQLLKQMVSEKVKLTNN
 ELDQHGHIIILNSMHKYQPRVHIIKKKDHTASLLNLKSEEFRTFIFPETVFTAVTAYQNQLITKLKIDSNP
 FAKGFRDSSRLTDIERESVESLIQKHSYARSPIRTYGEEDVLGEESQTTQSRGSAFTTSDNLSLSSWVSS
 SSSFPGFQHPQPLTALGTSTASIATPIPHPIQGSLLPPYSRLGMPLTPSAIASSMQSGPTFPSFHMPRYH
 HYFQQGPYAAIQGLRHSSAVMTPFV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_194263

ORF Size:

1335 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_194263.2, NP_919239.1</u>
RefSeq Size:	6436 bp
RefSeq ORF:	1338 bp
Locus ID:	57246
UniProt ID:	<u>Q9ES03</u>
Cytogenetics:	9 A4
MW:	49.1 kDa