

Product datasheet for **MR225123A1V**

Mouse Tbx18 (NM_023814) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tbx18 (NM_023814) AAV Particle
Tag:	Myc-DDK
Symbol:	Tbx18
Synonyms:	2810012F10Rik; 2810404D13Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR225123 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

 ATGGCGGAGAAGCGGAGGGGCTACCGTGCAGCATGCTAAGCCTCAAGGCGCACGCCTTCTCTGTGGAGG
CACTGATCGGCGCCGAGAAGCAGCAACAGCTTCAAAAGAAGCGGAGAAAGCTGGCCACGGAAGAGGCGGC
GGGGCGGTGGAAGACGAGGCTGCAGCCGTAGCGGAGGCGCGGGGAGTACGGCTGCTCGGAGGCCGAC
GAAGAAGCGGCTGCCCGCCGCCGAGCCGGGCGGCGTCCGGGCCAGCGCGGAGCTGCGCGGACGCGG
AGCGGAGCTGTGGCTCCCGCGGAGCGCGGGCAGCTGTGAGGATGGCTTCTGACGGGCGCTCCCGTT
GGCATCCCGGGAGGCTCCCGAAAGGGTCTCCCGTACCTGGCTTGGCAGACCGGGGACCCCGTGCCC
GCGCCGAGGCCCCGAGAGTAGATCTGCAAGGAGCGGAGCTCTGGAAGCGCTTTCAGAAATAGGCACCG
AGATGATCATACCAAAGCCGGCAGGCGCATGTTCCAGCAATCGGGTGAAGATCTCCGGATTAGACCC
TCACCAGCAATATTACATTGCCATGGATATTGTCCCGTGGACAACAAGAGATACAGGTATGTTTACCAT
AGCTCTAAGTGGATGGTGGCAGGAAATGCTGATTCCCGGTGCCACCCAGAGTATACATTCATCCAGACT
CACCGGCTCTGGGGAGACTTGGATGAGACAAGTCATCAGCTTCGACAAGCTGAAACTTACCAACAATGA
GCTGGATGACCAAGGCCATATCATTCTTCTATTCTATGCACAAATACCAACCACGTGTGCATGTATCCGT
AAAGATTGCGGAGATGATCTGTCCCCATCAAGCCTGTTCCATCAGGAGAGGGAGTGAAGGCATTCTCCT
TTCCAGAAACCGTCTTCACAACTGTCACTGCCTATCAGAATCAGCAGATTACTCGCCTTAAGATAGACAG
GAATCCATTGCCAAAGGTTTCCGAGACTCTGGGAGGAACAGAATGGGTTTGAAGCTCTGGTGGAGTCA
TACGCATTCTGGAGGCCATCACTACGGACTCTACCTTTGAAGATATCCCTGGAATCCCAAGCAAGGCA
ACACAAGTTCTTCAGCTCTGCTCCAAGGCACTGGGAATGCTGTCCTGCTACACATCCTACCTGTTGTC
TGGATCCTCTTGCTCCTCTCCTGCCTTCCATCTGGGGCCGAACACCAGCCAGCTGTGTAGTCTGGCTCCA
GCTGACTATTGCGCTGTGCCGTTTCAAGCCTTGCCTCAATCGATACAGCACATCCTTGGCAGAGACCT
ACAGCAGGCTTACCAACCAGAGCAGTGAGACCTTTGCCACCTAGGACTCCTTCTACGTGAGTGTGAG
CAGCAACCCGTCTGTGAACATGTCCATGGGCGGCACTGATGGGACACCTTCAGTGTCCACAGACCAGC
CTGTCCATGCAGATTTAGGAATGTCCCTCACTTCACTACATCATGCCATCGCCGTCCGGCAATGCCT
TTGCTGCTAACCAAGCCACCAGAGTTCTTACAACACCTTCCGATTGCACAGTCCCTGTGCTTGTATGG
ATATAACTTCTCCACATCCCCAACTGGCTGCCAGTCTGAGAAAATTGTTTCTTCCCAAGGAAGTTTC
TTGGGGTCTTCCCAAGTGGGACCATGACTGATCGTCAGATGTTGCCCTGTGGAAGGAGTGCACCTGC
TCAGCAGTGGGGCCAGCAGAGTTTCTTTGACTCCAGGACCCTAGGAAGTTTAACTCTGCCATCTTCTCA
AGTGTCTGCACATATGGTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225123 protein sequence

Red=Cloning site Green=Tags(s)

 MAEKRRGSPCSMLSLKAHAFSVEALIGAEEQQQLQKKRRKLATEEAAGAVEDAGCSRSRGAGEYGCSEAD
EEAAAPPPAAGAASGPASCADAERSGSRGAAGSCEDGFLQGASPLASPGGSPKGPVPLARPGLP
APQAPRVDLQGAELWRFHEIGTEMIITKAGRRMFPAMRVKISGLDPHQYYIAMDIVPDNKRYRYVYH
SSKWMVAGNADSPVPPRYIHPDSPASETWVRQVIFDKLKLNNELDDQGHIIHSMHKYQPRVHVIR
KDCGDDLSPKPVPSGEGVKAFSPETVFTTVAYQNQITRLKIDRNPFAGFRDSSGRNRMGLEALVES
YAFWRPSLRTLTFEDIPGIPKQNTSSSALLQGTGNVPAHPHLLSGSSCSSPAFHLGPNTSQLCSLAP
ADYSACARSGLALNRYSTSLAETYSRLTNQSSSETFAPRTPSYVSVSNNPSVNMMSGTGDGTFSCPQTS
LSMQISGMSPQLQYIMPSPSGNAFAANQTHQSSYNTFRLHSPCALYGYNFSTSPKLAASPEKIVSSQGSF
LGSSPSGTMTDRQMLPPVEGVHLLSSGGQSQFFDSRTLGSLLPSSQVSAHNV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_023814
ORF Size:	1839 bp
Buffer:	PBS with 0.001% Pluronic F3862
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_023814.4, NP_076303.3</u>
RefSeq Size:	4679 bp
RefSeq ORF:	1842 bp
Locus ID:	76365
UniProt ID:	<u>Q9EPZ6</u>
Cytogenetics:	9 47.06 cM
MW:	65.5 kDa