

Product datasheet for **MR210424A1V**

Mouse Tpx2 (NM_001141978) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Tpx2 (NM_001141978) AAV Particle
Tag:	Myc-DDK
Symbol:	Tpx2
Synonyms:	2610005B21Rik; DIL2; p100; REPP86
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>MR210424 ORF sequence

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

 TTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCACAAGTCCCTACTACTTCTTTCGATGCCCCACCGACTTTATCAATTTTTCATCTTTGGATG
 CTGAAGAGGATACTGAAAATATAGACTCATGGTTTGATGAGAAGGCCAACTTGGAGAACAAGTTTCTTCG
 ACAGAGGGGAATAGGCGAGCCTTTTCAGGGGAAGAATTCCTTGAGAAAAGCCAACTTCAACAGGGCTTC
 GTCACACCGTTGAAGGCAGTTGACAACACTTACCACAAAGAGACAGAAAAGGAAAATCTTCAGAAACAGT
 CTATCCCATCAAATGATTGTTCTTCCCTGGATGCTAAGAGAGCTGTATCAGGAAATCTCCTGTCCAGCC
 TCAGAGAAGATCTATTAGACTCTCTGCTCAGAAGGATTGGAGCAGAAAGAGAAAAACCATGTTGCCTCT
 GTTGAAATGAAAGCCAAGAGATGTGTTGCTCCGGCCACTGATTGTCCCCCAGAAAAGAATGAAAGTTT
 CTGATAAAAAGAACTGGAGGAAGAGGAGGAAGGCAGTCTCCAGCTACTTCAAGAAAGAATGAAAGAGA
 AACCTTGAGAAAAGCCAAGGGCAAGCACACTGTCCAGGTGTGCCACCTGCAAGGGAGAAGGTTCTAAAG
 AGTACTGAGGAGCAGGAGATAGAGAAAAGGCTGCGGATGCAGCAGGAGGTGGTGGAGCTGCGCAGGAAAA
 ACGAAGAGTTCAGAAGCTCGCGCTCGCAGGGCCAGGGCAACCTGTGAAGAAGTCCACGAGCCAGGTTAC
 CAAGACAGTTGACTTTCACTTCCCTCACAGATGAGCGAATCAAGCAACATCCCAAGAACCAGGAAGAGTAT
 AAGGAAGTGAACCTTATGTCTGAACTTCGGAAGCATTCTTCCACGCCTGCCCAGGAACCCAGAGGATGCA
 CTATCATTAAAGCCTTTCAACCTGTCCAAAGGGAAGAAAAGAATTTGATGAAGCAGCTTCTACGTATGT
 GCCATTGCACAGCAGTTGAAGCCTTCCACAAACGAACCCCAATAGATACCATCTGAGGAACAAGAAG
 GACGAGAGCTTGTACCTCCAAATCTGTGAACAAGATTGCACGAGACCCCCAGACCCCATCTGCAGAG
 CCAAATATCGTACAAGGCTGTGACTTGCAAAAGTACTGCAGAGCAGGAGGCCGAGGAGCTTGAGAAAAT
 GCAACAATACAAATTCAAAGCACGGGAACCTTGATCCTAGAATTTTGAAGTGGCCCCATCTTGCCCAAG
 AGAGCACCTGTTAAACCTCCTACTCAGCCTGTTGGTTTTGATTTGAAATTGAGAAACGAATTCATGAGC
 GAGAGTCAAAGAAAAACAGAAGATGAACAATTTGAATTTTATTCTAGACCTTGTCTACTAAGATCTT
 GGAAGATGTCGTGGGTGTTCTGAAAAGAAGTAATTCAGCTACTGTCCCGAAGTCGCCAGTTTTTGA
 TTGAAGAACAGGATCCGAGTGCCATCAAAGATGAGGAAGAGGAGAAACCAAGTAGTGATAAAAGCTCAAC
 CTGTGCCACATTATGGGGTGCCTTATAAGCCCCACATCGCAGAGGCAAGAAATGTGGAGGTGTGCCGTT
 CTCCTTTGATACCCGGGACAAAGAACGCCAGTTGCAGAAGGAGAAAAAATAAAGAGATGCAGAAAGGG
 GAGGTGCCCAAGTTCAAGGCACCTTCTGTGCCCATTTTGACACCATTAACTGCCAGAGAAAAAGGTAA
 AGAACGTGACTCAAGCTGAGCCTTCTCCCTGGAGACAGACAAGAGAGGCGCCTACAAGGCTGAGATGTG
 GAAGCACCAGCTGGAGGAAGAGCAGAAGCAGCAGAAGGACGCCGCTTGCTTCAAGGCTCGTCCAAACACC
 GTCATCTTCCAAGAGCCCTTCGTTCCCAAGAAGGAGAAAAATCACTGGCTGAGAACCCTTCTGTTCTC
 TAGTTACAGGAACCTTTTCAGCTGGCCACCGAGAGGAGGCCAAAGAGCGGCAGGAGCTGGAGAAGAAAT
 GGCTGAAGTAGAGGCCTGGAAACTGCAGCAGTTGGAGGAAGTCAGGCAGCAGGAAGAGGAGCAGCAGAAG
 GAGGAGTTAGCCAGGCTCCGGAAGAAGTGGTGACAAGGCAATCCAATACGGAAGTACGCAGCAGTGG
 AGGTGAAATCTAGCGAGCTGCCTCTGACTGTGCCGGTGTCTCCTAAGTTCTCCACTCGGTTCCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210424 protein sequence Red=Cloning site Green=Tags(s) MSQVPTTYSFDAPTDFINFSSLDAAEDTENIDSWFDEKANLENKFLRQRGIGEPFQGKNSLRKAKLQQGF VTPLKAVDNTYHKETEKENLQKQSIPSNDCSSLDKRAVSGNTPVQPQRRSIRLSAQKDLEQKEKNHVAS VEMKAKRCVAPATDCPPQKRMKVSDDKKLEEEEGSAPATSRKNERETLEKAGKHTVPGVPPAREKVLK STEEQEIEKRLRMQQEVVELRRKNEEFKKLALAGPGQPVKKSTSQVTKTVDFHFLTDERIKQHPKNQEEY KEVNFMSSELRKHSSTPARGTRGCTIIKPFNLSGKKRTFDEAASTYVPIAQQVEAFHKRTPNRYHLRNKK DESLPSKSVNKIARDPQTPILOTKYRTRAVTCKSTAEQEAEELEKLQQYKFKARELDPRIFESGPILPK RAPVKPPTQPVGFDLEIEKRIHERESKKKTEDEQFEFHSRPCPTKILEDVVGVPKVKIPATVPKSPVFA LKNRIRVPIKDEEEKPVVIAQPVPHYGVYPKPHIAEARNVEVCPFSFDTRDKERQLQKEKKIKEMQKG EVPKFKALVPVPHFDTINLPEKKVKNVTQAEFSLQETDKRGAYKAEMWKHQLQEEQKQKDAACFKARPNT VIFQEPFVPKKEKSLAENPSGSLVQEPFQLATERRAKERQLEKKMAEVEAWKLQQLQEEVRQEEQKQK EELARLRKELVHKANPIRKYAAAEVKSSSELPLTVPVSPKFSTRFQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001141978
ORF Size:	2235 bp
Buffer:	PBS with 0.001% Pluronic F1512
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_001141978.1, NP_001135450.1</u>
RefSeq Size:	4164 bp
RefSeq ORF:	2238 bp
Locus ID:	72119
UniProt ID:	<u>A2APB8</u>
Cytogenetics:	2 H1
MW:	85.9 kDa