

Product datasheet for **MR230258A1V**

Mouse Txnrd1 (NM_015762) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Txnrd1
Synonyms:	T; TR; TRI; Trx; TrxR1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR230258 representing NM_015762
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAATGGCTCCAAAGATCCCCCTGGGTCCTATGACTTCGACCTGATCATCATTGGAGGAGGCTCAGGAG
 GACTGGCAGCAGCTAAGGAGGCAGCCAAATTTGACAAGAAAGTGCTGGTCTTGATTTTGTACACCGAC
 TCCTCTTGGGACCAGATGGGGTCTCGGAGGAACGTGTGTGAATGTGGGTGCATACCTAAGAAGCTGATG
 CACCAGGCAGCTTTGCTCGGACAAGCTCTGAAAGACTCGCGCAACTATGGCTGGAAAGTCGAAGACACAG
 TGAAGCATGACTGGGAGAAAAATGACGGAATCTGTGCAGAGTCACATCGGCTCGCTGAACGGGGCTACCG
 CGTAGCTCTCCGGGAGAAAAAGGTCGTCTATGAGAATGCTTACGGGAGGTTTCATTGGTCCTCACAGGATT
 GTGGCGACAAATAACAAAGGTAAGAAAAAATCTATTAGCAGAGCGGTTCTCATCGCCACAGGTGAGA
 GGCCCCGCTACCTGGGCATCCCTGGAGACAAGAGTACTGCATCAGCAGTGATGATCTTTTCTCTTGCC
 TTAAGTCCCGGGGAGACCTAGTAGTTGGTGCATCCTATGTCGCTTGAATGTGCAGGATTTCTGGCT
 GGTATCGGCTTAGACGTCAGTGAATGGTGCAGTCCATTCTCTTAGAGGATTTGACCAAGACATGGCCA
 ACAAAATCGGTGAACACATGGAAGAATGGTATCAAGTTTATAAGGCAGTTCGTCCTCAACGAAAATTGA
 ACAGATCGAAGCAGGAACACGAGCGGCTCAGGGTACTGCTCAATCCACAACAGCGAGGAGACCATA
 GAGGGCGAATTTAACACAGTGTGCTGGCGGTAGGAAGAGATTCTGTACGAGAATATTGGCTTAGAGA
 CCGTGGGCGTGAAGATAAACGAAAAAACCAGAAAGATACCCGTCACGGATGAAGAGCAGACCAATGTGCC
 TTACATCTACGCCATCGGTGACATCCTGGAGGGGAAGCTAGAGCTGACTCCCGTAGCCATCCAGGCGGGG
 AGATTGCTGGCTCAGAGGCTGTATGGAGGCTCCAATGTCAAATGTGACTATGACAAATGTCCAACGACTG
 TATTTACTCCTTTGAATATGGCTGTTGTGGCTCTCTGAAGAAAAAGCCGTAGAGAAATTTGGGAAGA
 AAATATTGAAGTTTACCATAGTTTCTTTGGCCATTGGAATGGACAGTCCCATCCCGGGATACAAACAAA
 TGTTATGCAAAAAAATCTGCAACCTAAAGACGATGAACGTGTCGTGGGCTTCCACGTGCTGGGTCCAA
 ACGCTGGAGAGGTGACGAGGGCTTTGCGGCTGCGCTCAAGTGTGGGCTGACTAAGCAGCAGCTGGACAG
 CACCATCGGCATCCACCGGTCTGTGCAGAGATATTACAACGTTGTCAGTGACGAAGCGCTCTGGGGGA
 GACATCCTCCAGTCTGGCTGCTGAGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MNGSKDPPGSYDFDLIIIGGSGGLAAAKEAAKFDKKVLVDFVTPPLGTRWGLGGTCVNVGCIIPKKLM
 HQAALLGQALKDSRNYGWKVEDTVKHDWEKMTESVQSHIGSLNWGYRVALREKKVVYENAYGRFIIIPHRI
 VATNNKGKEKIYSAERFLIATGERPRYLIGIPGKEYCISSDDLFLPYCPGKTLVVGASYVALEACAGFLA
 GIGLDVTVMVRSILLRGFDQDMANKIGEHEHGIKIFIRQFVPTKIEQIEAGTPGRLRVTAQSTNSEETI
 EGEFNTVLLAVGRDSCRTIGLETVGVKINEKTGKIPVTDEEQTNVPYIYAIGDILEGKLELTPVAIQAG
 RLLAQRLYGGSNVKCDYDNPVPTTFPLEYGCCGLSEEKAVEKFGEENIEVYHSFFWPLEWTVPSRDNNK
 CYAKIICNLKDDERVVGFHVLGPNAGEVTQGFAAALKCGLTKQQLDSTIGIHPVCAEIFTTLVTKRSGG
 DILQSGC*G

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_015762

ORF Size: 1497 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_015762.2</u> , <u>NP_056577.2</u>
RefSeq Size:	3310 bp
RefSeq ORF:	1500 bp
Locus ID:	50493
UniProt ID:	<u>Q9JMH6</u>
Cytogenetics:	10 C1
MW:	54.5 kDa