

Product datasheet for **MR226042A1V**

Mouse Ntrk1 (NM_001033124) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Ntrk1 (NM_001033124) AAV Particle
Tag:	Myc-DDK
Symbol:	Ntrk1
Synonyms:	C80751; Tkr; trk; TrkA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR226042 representing NM_001033124
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGAGGCCAGCGCTCGGCGAGCTGGGCTGGCATCGCCCGCCGCGGGCTAGGCAGTCTGATGA
 CTTCTGTTGATGCTGGCCTGTGCCTCCGCCGCATCCTGTGCGGAGGTCTGCTGTCCCGTGGGCCCTCGGG
 GCTGCGCTGCACAGGGCAGGGTCCCTGGATACCTCCGCCGCCTGCGGGGCGCCGGGAACCTGACGGAG
 CTCTACGTGAAAAACAGCAGCACCTGCAACGCTTGGAGTTTGAGGACCTGCAGGGCCTGGGGGAGTTGA
 GAAGCCTAACCATCGTGAAGAGTGGCCTCCGCTTTGTGGCCCCAGATGCCTTCGTTTACCCCTCGGCT
 CAGTCACTGAATCTGTCCTCAATGCGTTGGAGTCCCTCTCTGGAAAAGTGTGCAGGGCCTCTCCCTA
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 CAGTTTTCATCTTCACTCAGTTCTTGGAGTCTGCGCTGACTAATGAGACCATGCGGCACGGCTGCCTGCGC
 CTCAATCAGCCACGCATGTCAACAACGGGAATACACCCTGCTGGCGGCCAACCCCTACGGCCAGGCTG
 CCGCCTCCGTGCTGCTGCTTTTATGGACAACCTTTTGAAGTTCAACCCTGAGGACCCCATCCCTGTCTC
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 AATGTGGACAGAGGAGCAAATTTGGGATCAACGCCCTGCTGTATTAGCTCCAGAGGATGGGCTGGCCAT
 GTCCCTACACTTCATGACACTGGGTGGCAGTTCTCTTCCCCTACTGAGGGCAAAGGCTCCGGACTCCAG
 GGCCACATCATGGAGAACCCACAGTACTTCAGTGATACCTGTGTCCATCACATCAAGCGCCAGGACATCA
 TTCTCAAGTGGGAGCTAGGGGAGGGAGCCTTTGGAAAGGTCTTCTCGCTGAGTGCTACAACCTTCTGAA
 TGATCAGGACAAGATGCTCGTGGCTGTCAAGGCACTGAAGGAGGCATCCGAGAATGCTCGGCAGGACTTT
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 CGGACCTGATGCAAAGCTGCTGGCTGGTGGTGAAGATGTGGCTCCTGGTCTCTGGGCCTTGGGAGCTT
 CTGGCTGTGGCTAGCCAGGTGGCTGCTGGTATGGTATATCTAGCCAGCCTGCACTTTGTGCACCGGGATC
 TGGCCACACGCAACTGTCTGGTGGGTGAGGACTAGTGGTGAAGATTGGAGACTTTGGCATGAGCAGAGA
 CATCTATAGCACAGACTATTACCGAGTGGGAGGTGGACCATGCTGCCATCCGCTGGATGCCACCCGAG
 AGCATCCTCTACCGAAGTTCAGCACCGAGAGCGATGTGTGGAGCTTTGGGGTGGTGTCTGGGAGATCT
 TCACCTATGAAAGCAGCCCTGGTACCAGCTCTCCAACACTGAGGCGATCGAGTGTATCACGCAGGGCCG
 GGAGCTGGAGCGGCCGCGCCCTGCCCTCCTGATGTCTACGCCATCATGCGAGGCTGCTGGCAGCGAGAA
 CCGCAGCAACGCCTCAGCATGAAGGATGTGCACGCGCTCTGCAGGCCCTGGCACAGGCCACCCAGTT
 ACCTGGACGTTCTGGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR226042 representing NM_001033124 Red=Cloning site Green=Tags(s) MLRGQRLGQLGWHRAAGLGSLMTSLMLACASAASCREVCCPVGPSGLRCTRAGSLDTLRGLRGAGNLTE LYVENQQHLQRLEFEDLQGLGELRSLTIVKSGLRFVAPDAFRFTPRLSHLNLSSNAESLSWKTVQGLSL QDLTLSGNPLHCSCALFWLQRWEQEGLCGVHTQTLHDSGPGDQFLPLGHNTSCGVPTVKIQMPNDSVEVG DDVFLQCQVEGLALQQADWILTELEGAATVKKFGDLPSLGLILVNVTSDLNKKNVTCWAENDVGRAEVS QVSVSFPASVHLGLAVEQHHCIPFSVDGQPAPSLRWLFNGSVLNETSFIFTQFLESALTNETMRHGCLR LNQPTHVNNGYTLAAANPYGQAAASVMAAFMDNPFEPEDPIPVSFSPVDGNSTSRDPVEKKDETPFG VSVAVGLAVSAALFLSALLLVLNKCGQSKFGINRPAVLAPEDGLAMSLHFMTLGGSSLSPTEGKSGSLQ GHIMENPQYFSDTCVHHIKRQDIILKWELGEGAFGKVFLECYNLLNDQDKMLVAVKALKEASENARQDF QREAELLTMLQHQHIVRFFGVCTEGGPLLMVFEYMRHGDNLNRLRSHGPDALLAGGEDVAPGLGLGQL LAVASQVAGMVYLAHLFVHRDLATRNCLVGQGLVVKIGDFGMSRDIYSTDYRVGGRTMLPIRWMPPE SILYRKFTESDVWSFGVVLWEIFTYKQWPYQLSNTEAIECITQGRELERPRACPPDVYAIMRGCWQRE PQQRLSMKDVHARLQALAQAPPSYLDVLG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_001033124
ORF Size:	2397 bp
Buffer:	PBS with 0.001% Pluronic F4042
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_001033124.1</u> , <u>NP_001028296.1</u>
RefSeq Size:	2606 bp
RefSeq ORF:	2400 bp
Locus ID:	18211
UniProt ID:	<u>Q3UFB7</u>
Cytogenetics:	3 38.62 cM
MW:	88.2 kDa