

Product datasheet for **RN201103**

Ntrk1 (NM_021589) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntrk1 (NM_021589) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ntrk1
Synonyms:	Trk
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN201103 representing NM_021589
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGCGAGGCCAGCGGCACGGGCAGCTGGGTTGGCATCGCCCGGCCGGGGCTAGGCGGTCTGGTGA
 CTTGTTGATGCTGGCTTGTGCTTGCGCCGATCCTGTCGTGAGACCTGCTGTCCCGTGGGCCCTCGGG
 GTTGCGCTGCACAGGGCAGGGACCCTGAATACCTCCGCGGCCTGCGGGGCGCCGGGAACCTGACGGAG
 CTCTATGTGAAAAACAGCGGGATCTGCAACGCCTGGAGTTTGAGGACCTGCAGGGCCTGGGGGAGTTGA
 GAAGCCTAACCATCGTGAAGAGTGGCCTCCGCTTTGTGGCCCTGATGCCTTCCATTTACCCCTCGGT
 CAGTCACCTGAATCTCCTCCAATGCTTTGGAGTCCCTCCTGGAAAACCTGTGCAGGGCCTCCCTA
 CAGGACTTGACCCTGTCAGGGAACCCACTGCACGTTCCTGTGCCCTATTGTGGTCCAGCGCTGGGAGC
 AGGAGGATTTGTGGTGTGTATACACAAAAGCTTCAGGGCTCTGGGTCTGGAGACCAGTTCCTCCCACT
 GGGACACAACAACAGTTGTGGTGTACCTCAGTGAAGATCCAGATGCCCAATGACTCTGTGGAAGTGGGG
 GATGACGTTTTCTGCAGTGCCAGGTGGAGGGCAGGCCCTACAGCAGGCTGACTGGATCCCTCACAGAGC
 TGAAGGGACAGCCACCATGAAGAAATCTGGAGATCTGCCATCCCTGGGGCTAACTCTGGTCAATGTCAC
 CAGTGATCTCAACAAGAAGAATGTGACGTGCTGGGCAGAGAATGATGTGGGCCGGGCTGAGGTCTGTGC
 CAAGTCAGCGTCTCCTTCCAGCCAGTGTGCATCTGGGCAAGCCGTGGAACAGCATCACTGGTGCATTC
 CCTTCTGTGGACGGGCAGCCAGCACCCTCCCTGCGCTGGTTCTTCAACGGCTCTGTGCTCAATGAGAC
 CAGCTTCACTTCACTCAGTTCCTGGAGTCAAGCCTGACCAATGAGACCATGCGGCATGGCTGCCTTCGC
 CTCAACCAGCCACGCATGTCAACAACGGGAACCTACACCCTGCTGGCTGCCAACCCTATGGCCAGGCTG
 CTGCTCCATCATGGCTGCCTTTATGGACAACCCTTTTGGAGTTCAACCCTGAGGACCCCACTCCCTGTCTC
 TTCTCGCCAGTGGACACTAACAGCACATCAAGAGACCCAGTGGAGAAGAAGGACGAAACACCTTTTGGG
 GTCTCTGTGGCTGTGGGCTGGCCGTCTCCGCCCTCTTCTTTCTGCCCTCCTCCTAGTGTCAACA
 AATGTGGACAGAGGAGCAAAATTTGGGATCAACCCTGCTGTGCTGGGCCAGAGGATGGGCTGGCCAT
 GTCCCTACACTTCATGACACTGGGTGGCAGTTCCTTTCCCTACTGAGGGCAAAGGCTCCGGACTCCAG
 GGCCACATCATGGAGAACCACAGTACTCAGTGATACCTGTGTCCACCATCAAGCGCCAGGACATCA
 TTCTCAAGTGGGAGCTAGGGGAGGGAGCCTTTGGAAAGGTCTTTCTTGTGAGTGTACAACCTTCTGAA
 TGATCAGGACAAGATGCTGGTGGCTGTCAAGGCACTGAAGGAGACATCTGAGAATGCTCGTCAGGACTTC
 CATCGTGAGGCAGAGCTGCTACCATGTACAGCACCAACACATCGTACGCTTCTTTGGAGTCTGCACGG
 AGGGTGGCCCATGCTCATGGTCTTCGAGTACATGCGCCATGGGGACCTCAACCGTTTCTCCGGTCCCA
 CGGACCTGATGCAAACTGCTGGCTGGCCGGCAGGATGTGGCTCCTGGTCTTTGGGCTTGGGCAGCTT
 CTGGCTGTGGCTAGCCAGGTGGCTGCTGGTATGGTGTACCTAGCCAGCCTGCACTTTGTGCACCGGGACC
 TGGCCACACGCAACTGTCTGGTGGGTGAGGACTAGTGGTCAAGATTGGAGACTTCGGCATGAGCAGGGA
 CATCTACAGCACAGACTACTACCGTGTGGGAGGTGCGACCATGCTGCCATCCGCTGGATGCCTCCAGAG
 AGCATCCTCTACCGCAAGTTCAGCACCGAGAGTGTGTGGAGCTTCGGGGTGGTGTCTGGGAGATCT
 TCACCTATGAAAAGCAACCCTGGTACCAGCTCTCAAACTGAGGCGATCGAGTGCATCACGCAGGGCCG
 GGAGCTGGAGCGGCCGCGCCCTGCCCTCCTGATGTCTACGCCATCATGCGCGGCTGCTGGCAGCGTGAG
 CCGCAACAGCGCCTCAGCATGAAGGATGTGCACGCGCGGCTGCAGGCCTTGGCACAGGCGCCACCGAGTT
 ACCTGGACGTTCTGGGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_021589
Insert Size: 2400 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_021589.1 , NP_067600.1
RefSeq Size:	2633 bp
RefSeq ORF:	2400 bp
Locus ID:	59109
UniProt ID:	P35739
Cytogenetics:	2q34
Gene Summary:	a protooncogene; receptor that binds to nerve growth factor (NGF) [RGD, Feb 2006]