

## Product datasheet for **RN217278**

### **Ntrk3 (NM\_001270656) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ntrk3 (NM_001270656) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ntrk3
Synonyms:	trkC
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >RN217278 representing NM\_001270656  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGATGTCTCTCTTTGCCAGCCAAGTGTAGTTTCTGGCGGATTTTCTGCTGGGAAGCGTCTGGCTGG  
 ACTATGTGGGCTCCGTGCTGGCTTGCCCTGCAAATTTGTGTCTGCAGCAAGACTGAGATCAATTGCCGGCG  
 GCCGGACGATGGGAACCTCTTCCCTCCTGGAAGGGCAGGATTCAGGGAACAGCAATGGGAACGCCAGC  
 ATCAACATCACGGACATCTCAAGGAATACACTCCATACACATAGAGAAGTGGCGGGCCTGCACACAC  
 TCAATGCTGTGGATATGGAGCTTACACGGGACTCCAGAAGCTGACCATCAAGAATCTGGACTCCGGAA  
 TATTCAGCCCAGAGCCTTTGCTAAGAATCCCACTTGCCTTATAAACTTGTCAAGTAACCGGCTCACC  
 AACTCTCCTGGCAGCTTCCAGACGCTGAGTCTCGGAATTGAGACTGGAGCAGAATCTTCAACT  
 GCAGCTGTGACATCCGCTGGATGCAGCTGTGCCAGGAACAGGGGAGGCACGGCTGGACAGCCAGAGCCT  
 CTACTGCATCAGTCTGATGGCTCCCACTCCCTCTTCCGCATGAACATCAGTCAGTGTGATCTCCCT  
 GAGATCAGTGTGAGTCACTGAACTGACTGTCCGAGAAGGAGACAATGCTGTAATCACTTGTAAATGGCT  
 CTGGCTCTCCTTTGCCTGATGTGGACTGGATAGTCACCGGACTGCACTCCATCAATACTCATCAGACCAA  
 TCTGAACTGGACCAATGTACATGCCATCAACTGACCCTGGTGAATGTGACGAGCGAAGACAATGGTTTC  
 ACCCTGACGTGCATTGCAGAGAAGCTGGTGGGCATGAGCAATGCCAGCGTTGCTCTCACTGTCTACTACC  
 CTCCACGTGTGGTGGAGCTTGGTGGAGCCTGAGGTACGCTGGAACATTGCATTGAGTTTGGTGGCTGG  
 CAACCCGACCCACGCTGCATTGGCTGTACAATGGACAGCCACTGAGGGAATCCAAGATCATTCAATG  
 GACTACTACCAGGAGGGTGAAGTCTCAGAGGGCTGCCTGCTTCAACAAGCCCACCCACTACAACAATG  
 GCAACTACACCTCATTGCTAAGAAATGCCCTGGGCACAGCCAACCAGACCATCAACGGCCACTTCCTTAA  
 GGAGCCCTTCCAGAGAGCACAGATTTCTTACTTTGAGTCTGATGCGAGCCCTACACCTCCTATCACT  
 GTGACCCACAAACCAGAGGAAGACACTTTTGGGTGTCCATAGCAGTTGGACTTGTCTTTTGCCTGCG  
 TCCTTCTGGTGGTCTCTTTATCATGATCAACAAGTACGGTGCAGCGTCCAAATTTGGAATGAAGGGTCC  
 TGTGGCTGTTATCAGTGGGAGGAGGACTCAGCCAGCCACTGCACCATATCAACCATGGCATCACTACA  
 CCTTCATCGTGGATGCTGGGCCGATACAGTGGTCAATGGCATGACTCGAATCCAGTCATTGAGAACC  
 CCCAATATTTCCGTCAGGGACACAATTGCCACAAGCCAGACACATATGTTCAACACATCAAGAGGAGAGA  
 CATCGTGTGAAGAGAGAACTGGGTGAGGGAGCCTTTGAAAAGTCTTCTGGCTGAGTGTACAATCTA  
 AGCCCCACAAAGACAAGATGCTTGTGGCAGTGAAGGCCCTGAAGGATCCACCTTGGCTGCCAGGAAGG  
 ATTTCCAGAGGGAGCCGAGCTGCTCACTAACCTGCAGCATGAGCATATTGTCAAATTCATGGGGTCTG  
 TGGTGATGGGGATCCACTCATATGGTCTTTGAATACATGAAGCATGGAGACCTGAACAAGTTCTCAGG  
 GCCCATGGGCCAGATGCGATGATCCTTGTGGATGGACAGCCACGCCAGGCCAAGGGGGAGCTAGGACTCT  
 CCCAGATGCTCCACATCGCCAGTCAGATAGCCTCCGGCATGGTGTACTTGGCCTCCAGCACTTTGTGCA  
 CCGGGACCTGGCCACCAGGAAGTGCCTAGTTGGAGCAACCTTCTAGTGAAGATTGGAGATTTTGGCATG  
 TCCAGGGACGCTACAGTACTGATTACTACAGGAAGGGCCATACCAGAAGGGCCATTCAGCGTGTGCT  
 GGCAGCAACAGAGGCTAGCAGCATCAGCAGCTTCCACACTCTTAAATCCATCTGGAATGATTTTGTAT  
 ATGGTGTGAGGTGGGAGGACACACCATGCTCCCATCCGCTGGATGCCACCTGAAAGCATCATGTACCGG  
 AAGTTTACCACAGAGAGTGTGTGGAGCTTTGGGGTTATTCTTTGGGAGATCTTACCTATGGGAAGC  
 AACCATGGTTCCAGCTCTAACAACAGAGGTCATTGAATGCATACCCAAGGCCGTGCTTGGAGAGACC  
 CCGAGTCTGCCAAAAGAAGTATATGATGTCATGCTGGGGTGTGGCAGAGGGAACCACAACAGCGACTG  
 AATATTAAGGAGATCTACAAAATCCTCCATGCTTTGGGAAGGCCACCCAATCTACCTGGACATCTTG  
 GCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001270656

<b>Insert Size:</b>	2595 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001270656.1</a></u> , <u><a href="#">NP_001257585.1</a></u>
<b>RefSeq Size:</b>	2824 bp
<b>RefSeq ORF:</b>	2595 bp
<b>Locus ID:</b>	29613
<b>UniProt ID:</b>	<u><a href="#">Q03351</a></u>
<b>Cytogenetics:</b>	1q31
<b>Gene Summary:</b>	a tyrosine-protein kinase receptor for neurotrophin-3 [RGD, Feb 2006] Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).