

## Product datasheet for **RN209283**

### **Ntng1 (NM\_001106465) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ntng1 (NM_001106465) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ntng1
Synonyms:	RGD1563465
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209283 representing NM\_001106465  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATTTTGTCAAGATTCCTGTGCGATTCATGCCCTGTGGTTACAGTGTCTCTGTGATGCAGCCTTACC  
 CTTTAGTGTGGGACATTATGATGTGTGTAAAACCTCAGATTTACACGGAAGAAGGAAAGTTTGGGATTA  
 CATGGCCTGCCAGCCAGAAATCCACGGACATGACAAAATATCTGAAAGTAAAACCTGGATCCTCCGGATATT  
 ACCTGTGGAGACCCGCCAGAGTCATTCTGTGCAATGGGCAACCCTTACATGTGCAATAATGAGTGTGATG  
 CGAGTACCCCGAACTGGCACACCCTCCTGAGCTGATGTTTGAAGGAAGACATCCCTCCACATT  
 TTGGCAGTCTGCTACTTGAAGGAATACCCAAACCTCTCCAGGTTAACATCACTCTGTCTTGGAGCAAA  
 ACCATTGAACTCACAGACAACATAGTTATTACCTTTGAATCGGGCGTCCAGATCAAATGATCCTAGAGA  
 AATCTCTGGATTACGGACGAACATGGCAGCCCTATCAGTATTACGCCACGGACTGCCTACATGCATTCCA  
 CATGGACCCGAAATCCGTGAAGGATTTATCCAGCACACGGTCTTAGAAATCATTTCACAGAAGAGTAC  
 TCCACTGGTACTCCACAATAGCAAAATATCCACTTCGAGATCAAAGCAGGTTTGCATTTTTTCTGCTG  
 GACCTCGGCTACGAAATATGGCTTCCCTCTATGGACAGCTGGATACAACCAAGAAACTCAGAGATTTCTT  
 CACAGTCACGGACCTGAGGATCAGGCTGTTGAGACCCGCCGTTGGGGAAATTTTGTAGATGAACTACAT  
 TTGGCAGGTTACTTTTATGCGATCTCAGACATAAAGGTGCGAGGAAGGTGCAAGTGAACCTGCATGCCA  
 CCATGTGTGTGTATGACAACAGCAAACTGACATGTGAGTGCAGCACAACACTACAGGTCAGACTGTGG  
 GAAGTGAAGAAGAATTACCAGGGCCGACCGTGGAGTCCAGGCTCATACCTCCCCATCCCCAAAGGCACC  
 GCTAACACCTGTATCCCCAGCATTTCAGTATTGGTAACTGTGAATGCTTCGGCCACTCCAATCGGTGCA  
 GTTATATCGATCTGCTAAACACAGTCATTTGCGTGAGCTGTAACACAACACTAGAGGGCAGCAGTGTGA  
 GTTATGACAGGCTGGGCTACTTCAGAAATGCTTCTGCACAGCTGGACGATGAGAATGTGTGCATAGAGTGT  
 TATTGTAACCCCTTGGGCTCAATCCATGATCGTTGTAATGGCTCAGGATTTTGTGAGTGTAAAGACTGGAA  
 CGACAGGGCTAAATGTGATGAGTGTCTGCCAGGAAATCCTGGTACTACGGCTGTCAACCTAATGTCTG  
 CGACAATGAGCTCCTGCACTGCCAGAAATGGAGGGACCTGCCACAACAATGTGCGCTGTGTGTGCCAGAC  
 GCCTACACCGGCATCCTCTGTGAGAAGCTACGGTGCAGAGGGCGGGCAGCTGTGGCTCCGACTCTGGCC  
 AGGGAGACCCCCGCGGGCTCCCTGCACTGCTGCTGCTGACCGTGTGCTGGGACTGCCAGTCCCT  
 GGTTTTCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106465

**Insert Size:** 1620 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:**

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\\_001106465.1](#), [NP\\_001099935.1](#)

**RefSeq Size:** 5085 bp

**RefSeq ORF:** 1620 bp

**Locus ID:** 295382

**Cytogenetics:** 2q41