

Product datasheet for **RN205174**

Ntng2 (NM_001107825) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntng2 (NM_001107825) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ntng2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN205174 representing NM_001107825
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGCTGCACCTGCTGGCCCTCTTCTGCACTGCCTCCCGTGGTCTCTGGGGACTATGACATCTGTAAT
 CCTGGGTGACCACAGATGAGGGCCCCACCTGGGAGTTCTACGCTTGCCAGCCCAAGGTGATGCGCTTGAA
 GGATTATGTCAAGGTCAAAGTGGAGCCCTCGGGTATCACGTGTGGAGATCCCCCTGAAAGTTCTGTTCC
 CATGAGAACCTTACCTGTGCAGTAACGAGTGTGATGCCTCCAACCTGACCTGGCCACCCACCCCGGC
 TTATGTTTGACAGGAAGATGAGGGACTGGCCACCTACTGGCAAAGCGTCACGTGGAGTCGTACCCAG
 TCCACTGGAAGCCAACATCACCTCTCATGGAACAAGAGCGTGGAGTTGACAGACGATGTGGTGATGACT
 TTCGAGTATGGCCGGCCACGGTCATGGTCTCGAGAAGTCTCTGGACAATGGCCGACCTGGCAGCCCT
 ACCAGTTCTATGAGAAGACTGCATGGAGGCTTCGGCATGTCTGCCCGCCGCCGAGACATGTCACC
 CTCCAGCGCCACCGGGTCTCTGCACCGAGGAATACTCACGCTGGGCAGGGTCCAAGAAAGAGAAGCAT
 GTGCGCTTTGAGGTAAGGGACCGCTTCGCCATCTTTGCCGGCCCTGACCTGCGTAACATGGACAACCTGT
 ACACGAGGATGGAGAGCGCAAGGGCTCAAGGAGTTCTCACCTTCACTGACCTGCGCATGCGCTGCT
 GCGTCTGCGCTGGGTGGCACCTACGTGCAGCGAGAGAACCTCTACAAGTATTTCTACGCCATCTCCAAT
 ATCGAAGTCATCGGCAGGTGCAAGTGCAACCTGCATGCCAACCTGTGCACTGTGCGTGAGGGCAGCCTGC
 AGTGTGAGTGTGAACACAACACCACAGGTCTGACTGTGGCAAGTGCAAGAAGAACTCCGCACGCGCGC
 CTGGCGAGCTGGTCTTACCTGCCCTTGCCCCACGGCTCTCCCAATGCCTGTGCAGCCGACGGTCCGCC
 TTTGGCACTGTGACTATCCCTGTGCGCATCCCTTCCCAAGCCAAGGACTCTACACTTTTCCAGCTCAAGC
 CCAGATCTCCTCAGGTGATACCATTTGAAGAGTTTCAAGACTGTGAGTGCTACGGGCACTCCAACCGCTG
 CAGCTACATTGACTTCTGAACGTGGTGACCTGTGTGAGCTGCAACACAACACTCGAGGCCAGCACTGT
 CAGCACTGCCCGCTGGGTACTATCGCAACGGCTCTGCCGAGCTGGATGACGAGAAGCTCTGCATCGAAT
 GTAAGTGAACAGATCGGCTCTGTGCAGATCGTTGCAACGAGACAGGCTTCTGCGAGTGACGGGAGGG
 CGCAGTGGGGCCCAAGTGCAGCACTGCCTTCTACACTACTGGCGCAAGGATGCTACCCCAATGTG
 TGCGACGACGACCACTGCTCTGCCAGAACGGCGGCACCTGCCAGCAGAACGAGCTGCGCTGCCCGC
 CTGGCTACGCCGCAATTCGCTGCGAGCAGCCCCGCTGTGACCTCGCCGACGACGCTGGCCCGGACTGTGA
 CCGCGCGCCAGGCACCGTCCCGCGCCCCGACACCTGCTCGGATGCCTGCTGCTGCTCGGGCTGGCCGCC
 CGTCTGACCTGC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107825

Insert Size: 1695 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_001107825.1, NP_001101295.1

RefSeq Size: 2174 bp

RefSeq ORF: 1695 bp

Locus ID: 311836

Cytogenetics: 3p12