

## Product datasheet for **MR216426**

### **Ntng1 (NM\_001163348) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Ntng1 (NM_001163348) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ntng1
Synonyms:	A930010C08Rik; AI853992; Lmnt1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR216426 representing NM\_001163348  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGATTTTGTCAAGATTCCTGTGTCGATCCATGCCCTGTGGGTGACAGTGTCTCTGTGATGCAGCCCTACC  
 TTTTCGTGTGGGACATTATGATGATGTAAAGAGCCTGATTTACACAGAAGAAGCAAAGTTGGGATTA  
 CACAGCCTGCCAGCCGGAATCCACGGACATGACCAAGTATCTGAAAGTAAAAGTGGACCCCTCCGGATATT  
 ACCTGTGGAGACCCTCCAGAGTCTTCTGTGCAATGGGCAACCCTTACATGTGCAATAATGAGTGTGATG  
 CGAGTACCCTGAACTGGCACACCCTCCTGAGCTGATGTTTGAAGGAAGACATCCCTCCACATT  
 TTGGCAGTCTGCTACTTGAAGGAGTACCCAAACCTCTCCAGTTAACATCACTCTGTCTTGGAGCAAA  
 ACCATTGAACTCACAGACAACATAGTTATTACCTTTGAATCGGGCGTCCAGACCAAATGATCCTAGAGA  
 AATCTCTGACTACGGACGAACATGGCAGCCCTATCAGTATTATGCCACAGACTGCCTCCATGCATTCCA  
 CATGGACCCGAAATCCGTGAAGGATTTATCTCAGCACACGGTCTTGGAAATCATTTCGACGGAAGAGTAC  
 TCCACTGGGTACTCCACGAATAGCAAAATAATCCACTTCGAGATCAAAGACAGGTTTGCCTTTTCGCTG  
 GACCTCGGCTACGAAATATGGCTTCCCTCTATGGACAGCTGGATACAACCAAGAAACTCAGAGATTTCTT  
 CACTGTACAGACCTGAGGATCAGGCTGTTGAGACCCGCCGTTGGGAAATATTTGTAGATGAACTACAT  
 TTGGCAGGTTACTTTTATGCGATCTCAGACATAAAGGTGCGAGGAAGGTGCAAGTGAACCTGCATGCCA  
 CTTCTGTTTTGTATGACAACAGCAAACCTGACATGTGAATGTGAGCACAACACTACAGTCCCAGCTGTGG  
 GAAATGCAAGAAGAACTACCAGGGCCGACCTTGGAGCCCCGGCTCATACCTCCCCATCCCCAAAGGCACC  
 GCAAACACCTGTATCCCCAGCATTTCAGTATCGGTAAGTGTATTGTAACCCCTTGGGCTCAATCCATG  
 ATCGTTGTAATGGCTCAGGATTTTGTGAGTGAAGACTGGAACAACAGGGCCTAAATGTGATGAGTGTCT  
 GCCAGGAAATTCCTGGTACTACGGCTGTCAACCTAATGTCTGCGACAATGAGCTCCTGACTGCCAGAAT  
 GGAGGGACCTGCCAGAACAATGTGCGCTGCGCGTGCCAGACGCCTACACCGGCATCCTCTGTGAGAAGC  
 TACGGTGCAGAGGGCGGGCAGCTGTGGCTCCGAATCCGGCCAGGGAGCACCCCGCGGGCTCCCCAGC  
 ACTGCTGCTGCTGACCATGCTGCTGGGGACTGCCGGTCCCTGGTGTTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR216426 representing NM\_001163348  
 Red=Cloning site Green=Tags(s)

MYLSRFLSIHALWVTVSSVMQPYLFWVGHYDVCKSLIYTEEGKVWDYTACQPESTDMTKYLKVKLDPPDI  
 TCGDPPESFCAMGNPYMCNNECDASTPELAHPPELMDFEGRHPSTFWQSATWKEYPKPLQVNITLSWSK  
 TIELTDNIVITFESGRPDQMILEKSLDYGRWQPYQYYATDCLHAFHMDPKSVKDLSQHTVLEIICTEY  
 STGYSTNSKIIHFEIKDRFAFFAGPRLRNMASLYGQLDTTKCLRDFFTVTLRIRLLRPVGEIFVDELH  
 LARYFYAISDIKVRGRCKNLHATSCLYDNSKLTCEEHNTTGPDCGKCKKNYQGRPWSYGLPIPKGT  
 ANTCIPSISSIGKCYCNPLGSIHDCNGSGFCECKTGTTGPKCDECLPGNSWYYGCQPNVCDNELLHCQN  
 GGTQNNVRCACPDAYTGILCEKLRCEEAGSCGSESGQGAPPRGSPALLLLTMLLGTAGPLVF

**TR**TRPLEQ**KL**ISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

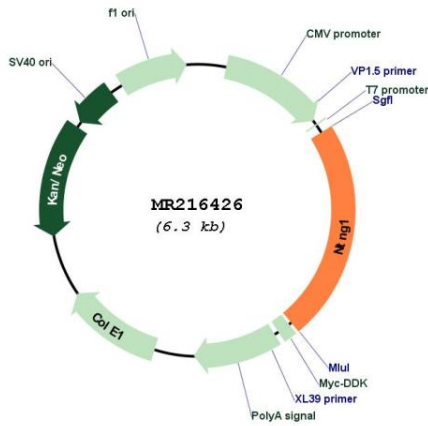


**Cytogenetics:** 3 F3

**MW:** 54.7 kDa

**Gene Summary:** Involved in controlling patterning and neuronal circuit formation at the laminar, cellular, subcellular and synaptic levels. Promotes neurite outgrowth of both axons and dendrites. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR216426