

Product datasheet for MC211929

Ntng1 (NM_001163351) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ntng1 (NM_001163351) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ntng1
Synonyms: A930010C08Rik; AI853992; Lmnt1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >NM_001163351.1
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGATTTGTCAAGATTCCTGTCGATCCATGCCCTGTGGGTGACAGTGCCTCTGTGATGCAGCCCTACC
TTTTCGTGTGGGACATTATGATGTATGAAGAGCCTGATTTACACAGAAGAAGGCAAAGTTGGGATTA
CACAGCCTGCCAGCCGGAATCCACGGACATGACCAAGTATCTGAAAGTAAAAGTGGACCCCGGATATT
ACCTGTGGAGACCTCCAGAGTCTTCTGTGCAATGGGCAACCCTTACATGTGCAATAATGAGTGTGATG
CGAGTACCCTGAACTGGCACACCCTCCTGAGCTGATGTTTGATTTGAAGGAAGACATCCCTCCACATT
TTGGCAGTCTGCTACTTGAAGGAGTACCCCAAACCTCTCCAGGTTAACATCACTCTGTCTTGGAGCAAA
ACCATTGAACTCACAGACAACATAGTTATTACCTTTGAATCGGGCGTCCAGACCAATGATCCTAGAGA
AATCTCTGACTACGGACGAACATGGCAGCCCTATCAGTATTATGCCACAGACTGCCTCCATGCATTCCA
CATGGACCCGAAATCCGTGAAGGATTTATCTCAGCACACGGTCTTGAAATCATTGACGGAAGAGTAC
TCCACTGGGTACTCCACGAATAGCAAAAATCCACTTCGAGATCAAAGACAGTTTGCCTTTTCGCTG
GACCTCGGCTACGAAATATGGCTTCCCTCTATGGACAGCTGGATAACAACCAAGAACTCAGAGATTTCTT
CACTGTCACAGACTGAGGATCAGGCTGTTGAGACCCGCGGTTGGGAAATATTTGTAGATGAACTACAT
TTGGCACGTTACTTTTATGCGATCTCAGACATAAAGGTGCGAGGAAGGTGCAAGTGAACCTGCATGCCA
CTTCGTGTTTGTATGACAACAGCAAACACTGACATGTGAATGTGAGCACAACACTACAGGTCCCGACTGTGG
GAAATGCAAGAAGAACTACCAGGGCCGACCTTGGAGCCCCGGCTCATACCTCCCCATCCCCAAAGGCACC
GCAACACCTGTATCCCCAGCATTTCAGTATCGGTAGTAAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001163351



[View online »](#)

Insert Size:	1095 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:	<u>NM_001163351.1, NP_001156823.1</u>
RefSeq Size:	2190 bp
RefSeq ORF:	1095 bp
Locus ID:	80883
UniProt ID:	<u>Q8R4G0</u>
Cytogenetics:	3 F3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (f) differs in the 3' UTR and coding sequence compared to variant a. The resulting isoform (f) has a shorter and distinct C-terminus compared to isoform a.</p>