

Product datasheet for **MR217916**

Ntng1 (NM_133488) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntng1 (NM_133488) 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:

>MR217916 representing NM_133488
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATTTTGTCAAGATTCCTGTGTCGATCCATGCCCTGTGGGTGACAGTGTCTCTGTGATGCAGCCCTACC
 TTTTCGTGTGGGACATTATGATGTATGTAAGAGCCTGATTTACACAGAAGAAGGCAAAGTTGGGATTA
 CACAGCCTGCCAGCCGGAATCCACGGACATGACCAAGTATCTGAAAGTAAACTGGACCCCTCCGGATATT
 ACCTGTGGAGACCCTCCAGAGTCTTCTGTGCAATGGGCAACCCTTACATGTGCAATAATGAGTGTGATG
 CGAGTACCCTGAACTGGCACACCCTCCTGAGCTGATGTTTGTATTTGAAGGAAGACATCCCTCCACATT
 TTGGCAGTCTGCTACTTGAAGGAGTACCCAAACCTCTCCAGTTAACATCACTCTGTCTTGGAGCAAA
 ACCATTGAACTCACAGACAACATAGTTATTACCTTTGAATCGGGCGTCCAGACCAAATGATCCTAGAGA
 AATCTCTCGACTACGGACGAACATGGCAGCCCTATCAGTATTATGCCACAGACTGCCTCCATGCATTCCA
 CATGGACCCGAAATCCGTGAAGGATTTATCTCAGCACACGGTCTTGGAAATCATTTCGACGGAAGAGTAC
 TCCACTGGGTACTCCACGAATAGCAAAATAATCCACTTCGAGATCAAAGACAGGTTTGCCTTTTTCGCTG
 GACCTCGGCTACGAAATATGGCTTCCCTCTATGGACAGCTGGATACAACCAAGAAACTCAGAGATTTCTT
 CACTGTACAGACCTGAGGATCAGGCTGTTGAGACCCGCCGTTGGGAAATATTTGTAGATGAACTACAT
 TTGGCAGGTTACTTTTATGCGATCTCAGACATAAAGGTGCGAGGAAGGTGCAAGTGAACCTGCATGCCA
 CTTTCGTGTTTGTATGACAACAGCAAACCTGACATGTGAATGTGAGCACAACACTACAGGTCCCAGCTGTGG
 GAAATGCAAGAAGAACTACCAGGGCCGACCTTGGAGCCCCGGCTCATACCTCCCCATCCCCAAAGGCACC
 GCAAACACCTGTATCCCCAGCATTTCAGTATCGGTACTCCTCCAAAGTTAATAGGATATGGCCGAATA
 TTTCTTCCCTTGAGGTTTCTAACCCAAAACAAGCTAATGTCTGCGACAATGAGCTCCTGACTGCCAGAA
 TGGAGGGACCTGCCAGAACAATGTGCGCTGCGCGTGCACAGCGCTACACCGGCATCCTCTGTGAGAAG
 CTACGGTGCGAAGAGGGCGGAGCTGTGGCTCCGAATCCGGCCAGGGAGCACCCCGGGGCTCCCCAG
 CACTGCTGCTGCTGACCATGCTGCTGGGACTGCCGGTCCCCTGGTGTTT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR217916 representing NM_133488
 Red=Cloning site Green=Tags(s)

MYLSRFLSIHALWVTVSSVMQPYLFVWGHYDVCKSLIYTEEGKVWDYTACQPESTDMTKYLKVKLDPPDI
 TCGDPPEFSCAMGNPYMCNNECDASTPELAHPPELMFDFEGRHPSTFWQSATWKEYPKPLQVNITLSWSK
 TIELTDNIVITFESGRPDQMILEKSLDYGRWQPYQYYATDCLHAFHMDPKSVKDLSQHTVLEIICTEY
 STGYSTNSKIIHFEIKDRFAFFAGPRLRNMASLYGQLDTTKKLRDFFTVTDLRIRLLRPVAVGEIFVDELH
 LARYFYAISDIKVRGRCKNLHATSCLYDNSKLTCEEHNTTGPDCGKCKKNYQGRPWSYLPKPKGT
 ANTCIPSISSIGTPPKFNRIWPNISSLEVSNPKQANVCDNELLHCQNGGTCQNNVRCACPDAYTGILCEK
 LRCEEAGSCGSESGQAPPRGSPALLLLTMLLGTAGPLVF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

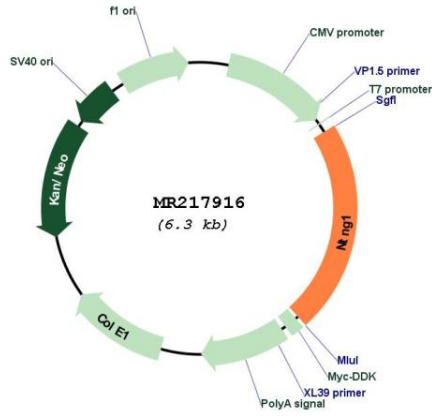
Sgfl-Mlul

Cytogenetics: 3 F3

MW: 52.3 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 MR217916