

Product datasheet for **MC216058**

Ntn5 (NM_001033356) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntn5 (NM_001033356) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ntn5
Synonyms:	Gm484
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >MC216058 representing NM_001033356
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGACCGACTACAGGACACTCTTTCTTCTCCAGGTGCCGGCTCTACTGTGACCACGCCATTACCTCA
 GCCTCTTGCTCCTCCTTAGCCAGGCCACCTCAGACCCATGCTATGATCCAGGAGGGCGCCCTCGCTTTTG
 CCTCCACCAAGTACCCAGTTGGTTGGCAAGGCAGCAGCCCCCTGCTCTCAGACCTGTGCTCTTCTGCA
 GCCAGCCCTGGCCCTGCCTGCAACAGTAGTCTGACCTGGACCTGGACGGCTCCTTCTTGTACATCTG
 TGACCTGCGTTTCTGCACAGCGGGACCTCCAGCCCTGGTTCTTCTGCTGCCTGGGCCACTGGGGGCC
 CTGGAGGCCACTATGGCGTAGGCCTGCCTGGCCTGGGGCTCTGGGGGGCCCAAGAAGGTAACCTTTAC
 TCCCCCAGGCCCAAGACCAGGATAGTGCCAGCTACCTCCGTGTGGAGTTCGGGGGAAAGCAGGGC
 TGGTGACCACTGGAGTAAGAGGCCGCTGCCAGTGCCACGGCCACGCTGCCCGCTGTGCCACTCGGGCCA
 GCCCCACGCTGCCGCTGCCGCCACACCACTGGCCAGGGTGTGAGAGCTGTGCCCCATCCATCGA
 GACTGGCCCTGGCGACCTGCCACACCCAGCACCTCACCTGCTTGCCTGCCAGTGCCACCCAATTG
 GAGCAACGGGAGGGATGTGCAACCAGACCAAGTGCCAGTGCTCCTGCAAGTTAGGGGTACAGGCCCTGAC
 ATGCAATCGCTGTGGTCTGGTACCAGCAGAGCCGCTCACCCAGGATGCCCTGCCAACGAATTCAGAG
 GCAACAACTACCCCTGCTACTACCCCTGTTGCATCTCGATCAGACCCACAGTGCAAGGCTATTGCAATG
 TCTCCGTCAGCAGTGTGCACATGAGCCTCAGAGATACTGTGACAGGATTATGTTCTGCACGCCAGGT
 TTCAGCGTCGTCGTCGACGCCGCTGAGGCGGTGGGCCCGAGTGGTGGCGGTGGCCGTGCACGTGCTG
 GCTGTGTTCAAACAGCGTGCGTGGCCCTGGCGCTGACTACCTCCTGCTGGGCCGTGCTGCGCAGACCA
 CGACGACGACAACTATGACCTGCGCGCCTCATCTGAACCGCCACGGCCCTCGCGCTGCCCTGGAGACCA
 CGATGGGCCCGCGCTGCGCGACTGCAGCAGAAGGAGCGCGGAGGTGCCTGCCAGGCCCTGCTGCCAC
 CCACACGGAGCCCTGGGCCAGGAAC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033356

Insert Size: 1359 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.

Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_001033356.3</u> , <u>NP_001028528.2</u>
RefSeq Size:	1968 bp
RefSeq ORF:	1359 bp
Locus ID:	243967
UniProt ID:	<u>Q3UQ22</u>
Cytogenetics:	7 B3
Gene Summary:	Plays a role in neurogenesis. Prevents motor neuron cell body migration out of the neural tube.[UniProtKB/Swiss-Prot Function]