

Product datasheet for **MC219277**

Ntn3 (NM_010947) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntn3 (NM_010947) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ntn3
Synonyms:	Ntn2l
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219277 representing NM_010947
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGCCACCTGGCTCTGGGGCTGCTGCTGACCGCGGCACGCTCTCCGCTGCACTGAGCCAGGGCTGC
 CGGCCTCTGCCGACCCCTGCTATGATGAGGCGAGGGAGCCTCGCTCTTGATTCCCTGGCCTTGTAACGC
 TGCTCTGGGCCGAGAGGTGCTGGCGTCCAGCACGTGCGGGAGGTGCGCCAATCGCGTCTGCGATTCTCG
 GACCCGACGCGGGCACACTCTGCAGACCTCTGACCTCTGCTCCGGGCACTGCAAGTCTCTCTGTTGGC
 GCTCCGATTTGCTGCAACAGGCACCTTTCAACGTAACCCTCACAGTGCCCTGGGGAAGGCTTTGAGCT
 GGTCTTCGTGAGCCTGCGCTTCTGCTCAGCTCCTCAACCTCCGTGGCCCTGCTTAAGTCGAGGACCAT
 GGCCGACGCTGGTCCCCTTGGGCTTCTCTCTCCAGCTGTACCCTGGACTATGGCCGCTGCCTGCTC
 CTGCTGATGGCCCTTCTGGTCCAGGGCCAGAAGCCCTCTGCTTCCAGCCCCCAGGCTCAGCCTGATGG
 TGGAGGCTTCTGGCCTCAGTGTGAGGATGGCAGCCACAGGGCCTGGATCTGGACAACAGCCCCGTG
 CTCAAGACTGGGTGACTGCCACAGATATTCGCATAGTACTCACAAAGCCCTGCCATTGAGGGAGACACCA
 GGGACGGTGGGGTGACAGTCCCCACTCTACTCAGCCACTGAGCTTCAGGTGGGAGGTCGATGCAAGTG
 CAATGGGCATGCCTCACGGTGTCTGTTGGACACCCATGGCCACCTGGTCTGCGACTGCCAGCATGGTACA
 GAGGGCCCTGATTGCAGCCGCTGCAAGCCCTTCTACTGCGACAGGCCATGGCAGCGGGCTACAGGGCAGG
 AAGCCACGCTTGCTTGGCTTCTGCTCCTGCAACGGCCATGCGCGAAGATGCCGCTTCAACATGGAGCTTA
 CCGACTGTCCGGCCGCCAGTGGGGCGTGTGCCTCAACTGCCGGCACAATACAGCTGGTGCCTACTGC
 CACTACTGCCGGGAGGGCTTCTATCGTGATCCAGGCCGTCTCTGAGTGACCGTCTGCTTGCAGAGCTT
 GTGACTGCCACCCAGTTGGTGTCTGCTGGCAAACTGTAACAGACCACAGGCCAGTGTCCCTGTAAGGA
 TGGTGTTACTGGCCTCACCTGTAACCGCTGTGCCCCAGGTTTCCAGCAGAGCCGTTCTCCTGTGGCACCT
 TGGCTTAAGACTCCTGTCCCTGGACCCACCGAAGAAAGCAGTCTGTGGAGCCACAGGACTGTGAGTCAC
 ATTGCAGACTGCGCGTGGCAGTTACCGAATCAGCCTGAAGAAGTTCTGCCGGAAGGACTATGCGGTGCA
 GGTGGCAGTGGGTGCACGCGGTGAGGCCCGCGCTCGTGGACACGCTTCCGGTAGCGGTGCTTGTGTG
 TTCCGACGCGGAGGAACGCGCTCGACGCGGGAGCAGCGCGCTGTGGTACCAACTCTAGACGCGGCT
 GCGGTTGCCCGCCTCTGCCCGCCGCGTTACTTGTCTGTTGGAGGTGGCCGGGGCTGCAGCTGG
 GAGCACAGCGGGCCGGGACAGGGGCTCAGTGTGCCCGTGAAGCCTCGTGTGCTTGGAGAGACGCC
 TGGACCCGGCCTGCGGAGGCTGCAGAGGAGAGCGGGCGGGCGCTGCGGGACCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_010947
- Insert Size:** 1743 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_010947.3](#), [NP_035077.1](#)

RefSeq Size: 4912 bp

RefSeq ORF: 1743 bp

Locus ID: 18209

UniProt ID: [Q9R1A3](#)

Cytogenetics: 17 A3.3

Gene Summary: Netrins control guidance of CNS commissural axons and peripheral motor axons.
[UniProtKB/Swiss-Prot Function]