

Product datasheet for **RN216946**

Ntn3 (NM_053732) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntn3 (NM_053732) Rat 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: >RN216946 representing NM_053732
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCACCTGGCCCTGGGGCTGCTGCTGACCGCGGCACGCTCTCCGTCGACTGAGCCAGGGCTGC
 CGGCTCTGCCGACCCCTGCTATGATGAGGCGAGGGAGCCTCGCTGTTGTACTCCTGGCCTAGTGAACGC
 TGCTCTGGGCCGAGAGGTGCTGGCGTCCAGCACGTGCGGGAGGCCGCAATCACGTCTGCGATCCCTCG
 GACCCGACGCGGGCACATTCTGCAGACCTCCTGACCTCAGCTCCGGGCACTGCAAGTCTCTGTTGGC
 GCTCCGATGTGCTGCAACGGGCACCTTTCAACGTAACCCTCACGGTGCCCTGGGGAAGGCTTTGAGCT
 AGTCTTCGTGAGCTGCGCTTTTCTCAGCTCCCCAACCTCCGTGGCCCTGCTTAAGTCTCAGGACCAT
 GGCCGACGCTGGTCCCCTGGTTCCTCTCCAGCTGTAGCTGGACTATGGCCGTCTGCCTGCTC
 CTGCTGATGGCCCTGCTGGTCCAGGGCCAGAAGCCCTCTGTTCCAGCCCCCAGGCTCAGCCTGATGG
 TGGAGGCTTCTGGCCTCAGTGTGAGGATGGCAGCCACAGGGCCTGGACCTGGACAACAGCCCCGTG
 CTCGAAGACTGGGTGACTGCCACAGATATTCGCATAGTACTCACAAAGCCCTGCCATTGAGGGAGACCA
 GGGACGGTGGGGTACAGTCCCCTACTCTACTCAGCCACTGAGCTTCAGGTGGGAGGTCGATGCAAGTG
 CAATGGGCATTCTCACGGTGTCTGATGGACACCCATGGCCACCTGGTCTGCGACTGCCAGCATGGTACA
 GAGGGCCCTGATTGCAGCCGCTGCAAGCCCTTCTACTGCGACAGGCCATGGCAGCGGGCTACAGGGCAGG
 AAGCCACGCTTGCTTGGCTGCTCCTGCAATGGCCACGCCCCAAGATGCCGCTTCAACATGGAGCTGTA
 CCGACTGTCCGGCCGCCAGTGGTGGGGTGTGCCTCAATTGCCGGCACAATACTGCTGGTCTGCTACTGC
 CACTACTGTCCGGAGGGCTTCTATCGTGACCCAGGCCGTCTGAGTGACCGTCTGCTGCAGAGCTT
 GTGACTGCCACCCAGTTGGTGTGCTGGCAAAACCTGTAACCAGACCAGGCCAGTGTCCCTGTAAGGA
 TGGTGTACCGGCCCTCACCTGTAACCCGCTGCGCCCCAGGTTTCCAGCAGAGCCGTTCTCCTGTGCGACCT
 TGTGTTAAGACTCCTGTCCCTGGACCCACTGAAGAAAGCAGTCCGTGGAGCCACAGGACTGTGAGTCAC
 ATTGCAGACCTGCGCGTGGCAGTTACCGAATCAGCCTGAAGAAGTTCTGCCGAAAGGACTATGCGGTGCA
 AGTGGCAGTGGGTGCGCGCGGGCAGGCCCGCGCGCTGGACACGCTTCCGGTAGCGGTGCTTGTGTG
 TTCCGACGCGGAGGAGCGCGCTCGGCGCGGGAGCAGCGCGCTGTGGTACCAACCTAGATGCGGCTT
 GCGGTTGCCCGCCTCCAGCCCCGCGCGCTACTTGTGCTGGGAGATGGCCCGGGGCTGCAGCTGG
 GAGCCCAGCAGGCCGGGACCGGGGCTCAGTGTGCCCGTGAAGTCTCGTGTGCTTGGAGGGACGCC
 TGGACTCGGCGCTGCGGAGGCTGCAGAGGAGAGCGGGCGGGGCGCTGCGGGACCGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_053732
- 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_053732.1](#), [NP_446184.1](#)

RefSeq Size: 2428 bp

RefSeq ORF: 1743 bp

Locus ID: 114524

Cytogenetics: 10q12

Gene Summary: may play a role in axon guidance during development [RGD, Feb 2006]