

Product datasheet for **MC219828**

Ntn4 (NM_021320) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntn4 (NM_021320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ntn4
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219828 representing NM_021320
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGAGCTGCGCACGGCTGCTGCTGCTCTGGGGCTGCTCCGGTGGCCGAGGCTTGAATGGAGTAG
 CCGGAGCGAACTCCCGCTGTGAGAAAGCATGCAACCCCTCGCATGGGAAACTTGGCTTTGGGAAGAAAGCT
 CCGGGCAGACACAATGTGTGGCCAGAACGCCACCGAACTCTTCTGCTTCTACAGTGAGAATGCTGACCTC
 ACTTGCCGGCAGCCAAAGTGTGATAAATGCAACGCTGCCATTCTCACCTGGCTCACCCACCCTCTGCCA
 TGGCAGACTCATCTTCAGGTTTCCCGGACATGGTGGCAGTCTGCAGAGGATGTGCACAGGGAAAAGAT
 TCAGCTAGACCTGGAAGCAGAATTCTACTTCACTCACCTAATTATGGTGTCAAGTCTCCAGGCCCTGCA
 GCCATGGTGTGGACCGTCCAGGACTTTGGGAAGACCTGGAAGCCTTACAAGTACTTTGCAACAAACT
 GCTCGGCTACTTTTGGCCTGGAAGATGATGTTGTCAAGAAGGGAGCTATTTGCAGTCTAGATACTCAA
 TCCTTTCCCGTGCACCGGAGGAGGTTATTTTCAGAGCCCTGTACCACCATACGACATAGAAAACCTT
 TACAGTGCCAAAGTGCAGGAGCAGCTGAAGATCACCACCTCCGAGTGGCGCTGCTCAAGCGACAGTCTT
 GCCCTTGTGAGATAAACGACCTGAACGCAAAAACCTCACCATTTTTATGCACTACGCAGTCTATGACTTCAT
 CGTCAAGGGCAGCTGCTTCTGCAACGGCCACGCTGACCACTGCTTACCTGTGGAGGGCTTCAGACCCATC
 AAGGCCCGGGAGCGTTCCACGTGGTCCACGGGAGGTGTATGTGTAAGCACAACACAGCAGGCAGCCACT
 GCCAGCACTGTGCACCATTGTACAATGACCGGCCCTGGGAGGCAGCGGACGGCAGAACAGGGGCTCCTAA
 CGAATGCAGAACTTCAAGTGAATGGGCACGGACACCTGTCACTTCGACGTCAACGTGTGGGAGGCG
 TCGGGGAACCGCAGCGGGGTGTCTGCAACAACCTGTGAGCACAACACTGAGGGTCAAGTGTCAACGCT
 GTAAGCCCGTTTCTACCGGACCTCAGAAGACCCTTCTGCCCCTGACGTTGCAAAGCGTGTTCCTG
 CCACCCGTTGGATCGGGATCCTTCTTTTCAGCTCAGTGACCTTCTGCGACCCAGCAATGGTACTGC
 CCTGCAAGCCTGGGGTGGCGGGCCACATTGCGACAGATGCATGGTGGGATACTGGGGCTTTGGAGACT
 ACGGCTGCAGACCTTGCATTGTGCGGGGAGCTGCGACCCGCTCACGGGAGACTGCATCAGCAGTAAACGC
 TGATGTAGACTGGTACCACGAAGTCCCGCCTTCACTCGATGCACAATAAGAGTGAGCCAGCTGGGAA
 TGGGAGGATGAGCAAGGATTTTCTGCCCTCCGACACTCAGGTAATGTGAATGTAAGGAACAGGTGTTAG
 GAAACCCCAAAGCCTTCTGTGGAATGAAGTATTCATATGTGTTAAAAATCAAGATCTTATCAGCCACGA
 CAAAGGCTCCCATGCCGAAGTCAATGTGAAGTAAAGAAAGTCTTAAAGTCCACCAAACCTGAAGATCTTA
 CGAGGCAAGAGAACGCTATACCCAGAGTCTGGACTAACAGAGGCTGCACCTGTCCAATCCTCAATCCAG
 GATTGGAGTACCTGGTTCGCTGGCCACGAGGACGTAAAGAACAGGCAAAATTAATTGTGAATATGAAAAGCTT
 TGTCAGCACTGGAACACAGCTCTTGGCAGAAGAGTCATGCACATCTTAAAAAGAGACTGCGTGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_021320
- Insert Size:** 1887 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_021320.3](#), [NP_067295.2](#)

RefSeq Size: 2411 bp

RefSeq ORF: 1887 bp

Locus ID: 57764

UniProt ID: [Q9J133](#)

Cytogenetics: 10 C2

Gene Summary: May play an important role in neural, kidney and vascular development. Promotes neurite elongation from olfactory bulb explants.[UniProtKB/Swiss-Prot Function]