

Product datasheet for **RN200722**

Ntn4 (NM_001106780) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ntn4 (NM_001106780) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ntn4
Synonyms:	RGD1565947
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200722 representing NM_001106780
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGAGCTGCGCACGGCTGCTGCTCTGGGGCTGCTCCGCGGTGGCCGAGGATTCATGGAGTCT
 CTGGAGTGAATCCCGCTGCGAGAAGGCCCTGCAACCCTCGAATGGGAAACTTGGCTTTGGGAAGAAAAC
 CCAGGCGGACACTACCTGCGGGCAGAACGCCACCGAACTGTTCTGCTTCTACAGCGAGAATGCTGATCTC
 ACTTGCCGGCAGCCAAAGTGTGATAAGTGAACGGGGCCATTCTCACCTGGCCACCCACCCTCTGCAA
 TGGCAGACTCGTCTTCAGGTTTCCCGGACATGGTGGCAGTCGGCAGAGGATGTGCACAGGGAAAAGAT
 CCAGCTAGACCTGGAAGCAGAATCTATTTTACTCACCTAATTATGGTGTCAAGTCCCCAGGCCCTGCA
 GCCATGGTCTGGACCGTCCAGGACTTTGGGAAGACTTGGAAACCTTACAAGTACTTTGCAACAAAAC
 GTTCTGCTACGTTTGGCCTGGAAGATGATGTTGTCAAGAAGGGAGCTATTTGCACGTCGAGATACTCAA
 TCCTTTCCCATGTACTGGCGGAGAGTTATTTTCAGAGCCCTGTCACCACCATATGACATAGAAAACCTT
 TACAGTGCCAAAAGTACAGGAGCAGCTGAAGATCACCAACCTCCGCGTGGCGCTGCTCAAGCGACAGTCTT
 GCCCTTGTGAGAAAACGACTTGAATGCAAAGCCTCACCATTTCACTCACTACGCCATCTACGACTTCAT
 CGTCAAGGGCAGCTGCTTCTGCAACGGCCACGCTGACCACTGTTTACCTGTGGAGGGCTTCAGACCCGTC
 AAGGCCCCAGGAGCGTTCATGTGGTCCATGGGAAGTGCATGTGTAAGCACAACACGGCGGGCAGCCACT
 GCCAGCACTGTGCACCATTATACAACGACCGGCCCTGGGAGGCAGCGGATGGCAGAACAGGGGCTCCTAA
 CGAATGCAGAACCTGCAAGTGAATGGGCACGCGGACACTGTCACTTCGACATCAACGTGTGGGAGGCA
 TCCGGGAATCGCAGCGGTGGTGTCTGCAACAACGTCAACACAACACCGAGGGTCAAGTGTGACGCGT
 GTAAGCCGGGTTTCTACCGAGACCTCAGGAGGCCCTTCTGCCCCGATGCTTGTAAAGCATGTTCTCTG
 CCACCCAGTTGGCTCGGGGATCCTTCTTTTCAGCTCGGTGACCTTCTGCGACCCAGCAATGGTACTGC
 CCTTGCAAGCCTGGGGTGGCAGGGCCACATTGTGACAGGTGCATGGTGGGATACTGGGGCTTTGGAGACT
 ACGGCTGCAGACCTTGTGACTGTGCGGGGAGCTGCGACCCGCTCACGGGAGACTGCATCAGCAGCAATGC
 TGACGTGGACTGGTATCACGAAGTCCCCGCTTTCCTCTCTGCACAATAAGAGTGAGCCAGGCTGGGAG
 TGGGAAGATGAGCAGGGATTTTCTGCACCTCGACACTCAGGTAATGTGAATGTAAGGAACAAGTGTAG
 GAAACCCCAAGGCCTTCTGTGGAATGAAGTATTCATATGTGTTAAAAATCAAGATTTTATCAGCTCATGA
 TAAAGGTTCCACGCTGAGGTCAACGTGAAGTAAAGAAAGTCTTACAGGCTACCAAACCTGAAGATCTTA
 CGAGGCAAGAGAACACTCTATCCCGAGTCTGGACTAACAGAGGCTGCACCTGCCGATCCTCAATCCAG
 GCTTGGAGTACCTGGTAGCTGGCTATGAGGACGTGAGAACAGGCAGATTAAATGTGAATATGAAAAGCTT
 CGTCCAGCCCTGGAAACCAGCTCTTGGGAGAAGAGTCATGCACATCTTAAAAAGAGAATCGTGGAGCAC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001106780
- Insert Size:** 1893 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_001106780.1](#), [NP_001100250.1](#)

RefSeq Size: 2092 bp

RefSeq ORF: 1893 bp

Locus ID: 299737

Cytogenetics: 7q13