

## Product datasheet for **RN200167**

### **Nexn (NM\_139231) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nexn (NM_139231) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nexn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >RN200167 representing NM\_139231  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAATGACGTGTACAGAAAGGCAGAGATTAAGACATGCTCGCTTCTGATGAGGAAGAAGACCGTCTA  
 AAGTAGAAAAGGCTTATGTCCCAAAGCTCACAGGGACAGTTAAAGCAAATTTGATGAAATGGAGAAACA  
 CAGACAGGAAGAACAAGGAAGAGAACAAGAGGAGAGAAAACGCAGAATTGAGCAGGATCTGTTAGAA  
 AAGAGGAAAATGCAGCGTGAATTAGCAAAAAGAGCTGAGCAGATTGAGGACATAAACAATACGGGAACCG  
 AGTCCGCATCAGAGGAAGGAGATGACTCACTCCTTATAACAGTGGTCCCTGCCAAATCATACAGAGCAGC  
 TGCAAACAGGAAGGATCCTGAGGACCTGGACAGAGAACAAGGAATGGAAGGGTTAGTCAGGAAGAAGAA  
 AAGACAAGACATGAAGAAGAGTGCAGAGCTCTCAAAGAAGCAAAATGCCTTTTCATTGGTCATGGATGATG  
 AAACAGAGGCCAAAAAGAATCACGTTTTCTGGAAAATTGAAATCAACTTTTGAAGAACTGGAACGACA  
 AAGACAAGAAAACCGCAAGAAGCAAGCAGAAGAGGAAGCAAGACGGCGCTTAGAAGAAGAGAGGCGTGCC  
 TTTGAGGAAGCAAGGCGGAACATGGTAAACGAGGAGGATGAAAGCCAAGCACAGAAACGGTTTTTAAAG  
 AGTACCGCCCAGGAAAACCTCCGACTCAGTTTTGAGGAAAATAGAAAAGGCAAAAGGAGAGAAGAGGAAAAACG  
 AAAGGCCGAGGAGGAGGCGCAAGGAGGATGGAGGAGGAGAAGAAGGCATTTGCTGAAGCCAGGAGAAGC  
 ATGGTATTAGATGATGATTTCCCAAGAGATTTATAAAGCAGTCTCTCAAGAATCTCTAACGCTGGAAAAC  
 TGGAAATTAATTTTGAACAATTTAAGACAAAAAATGGAAGAAGAAAGACGACGAAACAGAGGAAGAACG  
 GAGGCAAAAACAGAAAATGGAGAAACAGGAATTTGAACAACCTGAGACAAGAAATGGGAAAGGAAGAAGAA  
 GAAAATGAAAGCTTTGGGTTGAGTAGAGAATATGAAGAATTAATTAATTAATAAAGGAGTGGTTCAATTC  
 AAGCCAAAAATCTAAAAAGCAAGTTTGAAAAAATTTGGACAGTTGTCTGAAAAAGAAGTACAGAAAAAGAT  
 AGAAGAAGAGAGAGCAAAAAGGAGAGCAATTGACCTTGAATTAAGAGCGGAGAAGCAGAAAACTCCAT  
 GAGGATGATGATGTTGATGTAACCTGCAAAAGAGAGTGAAGTCTCCCTTTACTCACAAAGTGAACATGA  
 AAGCCAGATTTGAACAAATGGCTAAGGCAAGACAAGAAGAAGAGCAAAAGGAGAATTGAAGAACAGAAGTT  
 ACTGCGGATGCAGTTTGAACAGAAAGAAATCGATGCAGCACTTCAGAAAAAAGAGAAGATGATGAGGAA  
 GAAGAAGGTAGCATTGTTAACGGCTCCACTACTGAAGACGAAGAGCAAACAGATCAGGAGCCCCATGGT  
 TCAAAAAGCCACTAAGAAATACCTCAGTTGTAGACAGTGAAGCAGTGAAGTCACTGTGAAAGTGAACAGG  
 AGAACCAAGCCAGAAGTTACGTGGTGGTTTGAAGGAGAACTACTGCAGGATGGAGAAGACTATCAGTAC  
 ATCGAAAAGAGGAGAACTTACTGCCTGTATTTACCAGAACTTTCCCGAAGATGGAGGAGAATATATGT  
 GTAAGCAGTCAACAGTAAAGGCTCAGCAGCGAGTACCTGTATTCTTACCATTGAAATGGATGACTACTA  
 G

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_139231

**Insert Size:** 1821 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\\_139231.1](#), [NP\\_631977.1](#)

**RefSeq Size:** 1821 bp

**RefSeq ORF:** 1821 bp

**Locus ID:** 246172

**UniProt ID:** [Q9Z2J4](#)

**Cytogenetics:** 2q45

**Gene Summary:** binds actin filaments, b-nexillin isoform also has actin filament cross-linking activity; may play a role in cell- matrix adherens junctions [RGD, Feb 2006]  
Transcript Variant: This variant (s) has multiple differences in the coding region but maintains the reading frame, compared to variant s. This variant encodes isoform s, which is shorter than isoform b.