

Product datasheet for **RN200166**

Nexn (NM_139230) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nexn (NM_139230) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nexn
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN200166 representing NM_139230
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGAATGACGTGTACAGAAAGGCAGAGATTCTGCTTTCTCATCTAAACCTGTCCCAAATCCTATGTGC
 CAAAACTCGGCAAGGGAGATGTAAGGATAAATTTGAAGCCATGCAGAGGCCAGGGAAGAAAGAAATCA
 AAGCGATCTAGAGATGAAAAGCAAAGAAAAGAAACAATATATTAGAGAAAAGAGAATGGAACAGGAGA
 AAGCAGGAGATTAAGACATGCTCGCTTCTGATGAGGAAGAAGAGCCGTCTAAAGTAGAAAAGGCTTATG
 TCCCAAAGCTCACAGGGACAGTTAAGGCAAATTTGATGAAATGGAGAAACACAGACAGGAAGAACAAG
 GAAGAGAACAGAAAGAGGAGAGAAAACGCAGAATTGAGCAGGATCTGTTAGAAAAGAGGAAAATGCAGCGT
 GAATTAGCAAAAAGAGCTGAGCAGGAAGGAGATGACTCACTCCTTATAACAGTGGTCCCTGCCAAATCAT
 ACAGAGCAGCTGCAAACAGGAAGGATCCTGAGGACCTGGACAGAGAACACAGGAATGGAAGGTTAGTCA
 GGAAGAAGAAAAGACAAGACATGAAGAAGAGTGCAGAGCTCTCAAAGAAGCAAAATGCCTTTTCATTGGTC
 ATGGATGATGAAACAGAGGCCAAAAAAGAAATCAGTTTTCTGGAAAATTGAAATCAACTTTTGAAGAAC
 TGGAACGACAAAGACAAGAAAACCGCAAGAAGCAAGCAGAAGAGGAAGCAAGACGCGCTTAGAAGAAGA
 GAGGCGTGCCCTTGGGAAGCAAGGCGGAACATGGTAAACGAGGAGGATGAAAGCCAAGACACAGAAACG
 GTTTTTAAAGAGTACCGCCAGGAAAACCTCGACTCAGTTTTGAGGAAATAGAAAAGCAAAGGAGAGAAG
 AGGAAAAACGAAAGGCCGAGGAGGCGCGAAGGAGGATGGAGGAGGAGAAGAAGGCATTTGCTGAAGC
 CAGGAGAAGCATGGTATTAGATGATGATCCCCAGAGATTTATAAAGCAGTCTCTCAAGAATCTCAACG
 CCTGAAAACGGAAATTAATTTTGAACAATTATTAAGACAAAAATGGAAGAAGAAAGACGACGAACAG
 AGGAAGAACGGAGGCAAAAACCTAGAAATGGAGAAACAGGAATTTGAACAACCTGAGACAAGAAATGGGAAA
 GGAAGAAGAAGAAAATGAAAGCTTTGGTTGAGTAGAGAATGAAGAATTAATTAATTAATAAAGGAGT
 GGTTC AATTCAAGCCAAAATCTAAAAAGCAAGTTTAAAAAATTGGACAGTTGTCTGAAAAAGAGTAC
 AGAAAAAGATAGAAGAAGAGAGAGCAAAAAGGAGAGCAATTGACCTTGAATTAAGAGCGAGAAGCAGA
 AAACCTTCATGAGGATGATGATGTTGATGTA AACCTGCAAAGAAGAGT GAGTCTCCCTTACTCACAAA
 GTGAACATGAAAGCCAGATTTGAACAAATGGCTAAGGCAAGACAAGAAGAAGAGCAAAGGAGAATTGAAG
 AACAGAAGTTACTGCGGATGCAGTTTGAACAGAAAGAAATCGATGCAGCACTTCAAAAAAAGAGAAGA
 TGATGAGGAAGAAGAAGGTAGCATTGTTAACGGCTCCACTACTGAAGACGAAGAGCAAACCAGATCAGGA
 GCCCATGGTTCAAAAAGCCACTAAGAAATACCTCAGTTGTAGACAGTGAGCCAGTGAGATTCAGTGTGA
 AAGTGACAGGAGAACCAAGCCAGAAGTTACGTGGTGGTTTGAAGGAGAACTACTGCAGGATGGAGAAGA
 CTATCAGTACATCGAAAGAGGAGAACTTACTGCCTGATTTACCAGAACTTTCCCGAAGATGGAGGA
 GAATATATGTGTAAGCAGTCAACAGTAAAGGCTCAGCAGCGAGTACCTGTATTCTTACCATTGAAATGG
 ATGACTACTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_139230

Insert Size: 1971 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_139230.1](#), [NP_631976.1](#)

RefSeq Size: 1971 bp

RefSeq ORF: 1971 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 (b) encodes the longer isoform (b).