

Product datasheet for **MC219395**

Pxn (NM_133915) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pxn (NM_133915) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pxn
Synonyms:	AW108311; AW123232; Pax
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219395 representing NM_133915
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGACCTCGATGCCCTGCTGGCAGACTTGGAACTACCACCTCCCACATCTCCAAACGGCCAGTGT
 TCTTGTACAGAGGAGCCCCCTACTCCTACCCAACCTGGAAACCACACATACCAGGAGATTGCGGTGCCACC
 TCCGGTCCCACCACCACCGTCCAGCGAGGCCCTCAATGGCACGGTCTTGACCCTTTAGATCAGTGGCAG
 CCTAGTGGTTCCAGATACGCTCACCAGCAGCCTCCGTCCCCACTGCCGTGTACAGCTCCAGTGCTAAAA
 ATTCCAGTGCCTCCAACACCCAGGACGGCGTGGGCTCCCTTTGTTCCCGAGCAGGCGAGGAAGAGCAGT
 CTACAGCTTCCCCAACAAGCAGAAGTCGGCAGAGCCCTCACCTACCGTCATGAGCTCCTCCCTGGGCAGC
 AACCTCTCTGAATTGACCGGCTGTTACTGGAGCTGAACGCAGTGCAGCACAGCCCGCTGGCTTCCCTG
 CAGATGAAGCCGAATCGAGCCCCCTTGCTGGAGCCCTGAGCCCCCTTATGGCATCCAGAAAAATAA
 CACTCCCTTGGGGGGCAAAGCGGGGCCCTGGTAAAAGAGAAGCCAAAGCGAAATGGAGGCCGGGGCTG
 GAGGATGTGCGGCCAGCGTGGAGAGCCTTGGATGAACTGGAGAGTCCGTGCCAGCCCTGTCCCGG
 CCATCACTGTGAACCAGGGAGAGATGAGCAGTCCGCAGCGAGTCACTCCAGCCAGCAGCAGACCCGGAT
 CTCGGCTCCTCTGCCACCAGGGAGCTGGACGAGCTCATGGCGTCACTGTGAGATTTCAAGATGCAGGGC
 CTGGAACAGAGAGTGGATGGAGAGCGGCCGTGGGCAGCCAGCTGGCCCCCAGCAGCAGGCGAGAGCAGCC
 CCGAAGGGCAGGACGAGGGAGGGTTCATGGCCCAGGGGAAAATGGGAGCAGCTCACCCCTGGGGGACT
 CTCCAAGCCCGGAGCCAGCTGGACAGCATGTTGGGGAGTCTGCAGTCCGACCTGAACAAGCTAGGGGTC
 GCCACCGTTGCCAAAGGGGTCTGTGGAGCCTGCAAGAAGCCATCGCCGGCAGGTCGTGACCCCATGG
 GGAAGACATGGCACCCCGAGCACTTTGTGTGCACCCACTGCCAGGAGGAGATTGGATCCCGAACTTTTT
 TGAGCGGGACGGACAGCCCTACTGTGAGAAGGACTACCACAGCCTTCTCCCCACGCTGCTACTACTGC
 AACGGACCATCCTGGATAAAGTGGTGACAGCGCTGGACCGCACATGGCACCCGGAACACTTCTTGTG
 CCCAGTGTGGAGCCTTCTTGGTCCAGAAGGCTTCCACGAGAAGGACGGCAAAGCGTACTGTGTAAGA
 TTACTTCGACATGTTTGTCCCAAGTGCAGCGGCTGCGCCGTGCCATCCTGGAGAACTACATTTAGCC
 CTCAACACCTCTGGCACCCGAATGCTTTGTGTGCAGGGAGTGTTCACACCCTTCGTCAACGGCAGCT
 TCTTTGAGCAGCAGGGCAGCCGACTGTGAGGTCCACTACCACGAGCGGCGGGCTCGTGTGCTCCGG
 CTGCCAGAAGCCATCACGGGCCGCTGCATCACCGCCATGGCCAAGAAGTTCACCCCGAGCATTTCTGT
 TGCGCCTTTTGCCTGAAGCAGCTCAACAAGGGCACCTTCAAGGAGCAGAACGACAACCCTACTGCCAGA
 GCTGCTTCGTGAAGCTCTTCTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_133915
- Insert Size:** 1776 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_133915.3](#), [NP_598676.2](#)

RefSeq Size: 3824 bp

RefSeq ORF: 1776 bp

Locus ID: 19303

UniProt ID: [Q8VI36](#)

Cytogenetics: 5 56.1 cM

Gene Summary: Cytoskeletal protein involved in actin-membrane attachment at sites of cell adhesion to the extracellular matrix (focal adhesion).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (beta) represents the longer transcript and encodes the longer isoform (beta).