

Product datasheet for **MC218957**

Pxn (NM_011223) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pxn (NM_011223) 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: >MC218957 representing NM_011223
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACGACCTCGATGCCCTGCTGGCAGACTTGGAACTACCACCTCCCACATCTCCAAACGGCCAGTGT
 TCTTGTCAGAGGAGCCCCCTACTCCTACCCAAC TGAAACCACACATACCAGGAGATTGCGGTGCCACC
 TCCGGTCCCACCACCACGTCACGCGAGGCCCTCAATGGCACGGTCTGGACCCTTTAGATCAGTGGCAG
 CCTAGTGGTTCCAGATACGCTCACCAGCAGCCTCCGTCCCCACTGCCGTGTACAGCTCCAGTGCTAAAA
 ATTCCAGTGCCTCCAACACCCAGGACGGCGTGGGCTCCCTTTGTTCCCGAGCAGGCGAGGAAGAGCAGT
 CTACAGCTTCCCCAACAGCAGAAGTCGGCAGAGCCCTCACCTACCGTCATGAGCTCCTCCCTGGGCAGC
 AACCTCTCTGAATTGACCGCTGTTACTGGAGCTGAACGCAGTGCAGCACAGCCCGCTGGCTTCCCTG
 CAGATGAAGCCGAATCGAGCCCCCTTGCTGGAGCCCTGAGCCCCCTTATGGCATCCCAGAAAAATAA
 CACTCCCTTGGGGGGCAAAGCGGGGCCCTGGTAAAAGAGAAGCCAAAGCGAAATGGAGGCCGGGGCTG
 GAGGATGTGCGGCCAGCGTGGAGAGCCTTGGATGAACTGGAGAGTCCGTGCCAGCCCTGTCCCGG
 CCATCACTGTGAACCAGGGAGAGATGAGCAGTCCGCAGCGAGTCACTCCAGCCAGCAGCAGACCCGGAT
 CTCGGCTCCTCTGCCACCAGGGAGCTGGACGAGCTCATGGCGTCACTGTGAGATTTCAAGTTTATGGCC
 CAGGGGAAAAC TGGGAGCAGCTCACCCCTGGGGACTCTCCAAGCCCGGAGCCAGCTGGACAGCATGT
 TGGGGAGTCTGCAGTCCGACCTGAACAAGCTAGGGGTGCGCACCGTTGCCAAAGGGGTCTGTGGAGCCTG
 CAAGAAGCCATCGCCGGCAGGTCGTGACCGCATGGGAAGACATGGCACCCCGAGCACTTTGTGTGC
 ACCCACTGCCAGGAGGAGATTGGATCCCGAACTTTTTGAGCGGGACGGACAGCCCTACTGTGAGAAGG
 ACTACCACAGCCTTTCTCCCCACGCTGCTACTGCAACGGACCCATCCTGGATAAAGTGGTGACAGC
 GCTGGACCGCACATGGCACCCGGAACACTTCTTGTGCCAGTGTGGAGCCTTCTTGGTCCAGAAGGC
 TTCCACGAGAAGGACGGCAAAGCGTACTGTGTAAGATTACTTCGACATGTTTGTCTCCCAAGTGCGGCG
 GCTGCGCCGTGCCATCCTGGAGAACTACATTTACGCCCTCAACACCCTCTGGCACCCCGAATGCTTTGT
 GTGCAGGGAGTGTTCACACCCTTCGTCAACGGCAGTCTTTGAGCACGACGGGAGCCGACTGTGAG
 GTCCACTACCACGAGCGGCGGGCTCGTGTGCTCCGGCTGCCAGAAGCCATCACGGGCCGCTGCATCA
 CCGCCATGGCCAAGAAGTCCACCCGAGCATTCGTGTGCGCTTTTGCCTGAAGCAGCTCAACAAGGG
 CACCTTCAAGGAGCAGAACGACAACCCTACTGCCAGAGCTGCTTCGTGAAGCTTCTCTG**C****TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-MluI
- ACCN:** NM_011223
- Insert Size:** 1674 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_011223.3](#), [NP_035353.1](#)

RefSeq Size: 3722 bp

RefSeq ORF: 1674 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 (alpha) lacks an alternate in-frame exon in the 5' coding region, compared to variant beta. It encodes isoform alpha, which lacks an internal segment and is shorter, compared to isoform beta.