

Product datasheet for **MC206692**

Xpnpep1 (BC065174) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpnpep1 (BC065174) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Xpnpep1
Synonyms:	D230045I08Rik; sAMP
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC065174
 GCAGCCTCCAGAAAGCCGCCGCGAGTAAGGGCGAATCGCCAGGACTTTCAGCTGAGAAATTTAAGAATAA
 TTGAACCTAACGAGGTGACACCTCAGGAGACAAGAGTGTGAAACAGACCACAGGATGGCTCCGAAGGT
 GACTTCAGAACTGCTTCGGCAGCTGCGACAAGCTATGAGGAACTCCGAATACGTGGCAGAACCCATCCAG
 GCCTATATCATCCCGTCAGGAGATGCCACCAGAGCGAGTACATTGCACCCTGTGACTGTCGGAGGGCGT
 TTGTCTCTGGATTTCGATGGCTCTGCAGGCACAGCCATCATCACGGAGGAGCATGCGGCCATGTGGACTGA
 CGGGCGTACTTCTCCAGGCTGCCAAACAGATGGACAACAAGTGGACTCTCATGAAGATGGGTCTGAAA
 GACACACCAACTCAGGAGGACTGGCTGGTGTGCTTCCAGAAGGATCCAGGGTTGGTGTGGACCCCC
 TCATCATTCCACAGATTACTGGAAGAAGATGGCCAAGGTAAGTGCAGAAAGTGTGGTCAACACCTCGTGCC
 TGTGAAGGAGAACCTTGTGGACAAGATCTGGACAGACCGGCCGGAGCGCCCTTGCAAGCCCTCCTCACA
 CTGGGCCCTGGATTATACAGGCATCTCGTGAAGGAGAAGGTTGCAGACCTCCGGTTGAAAATGGCAGAGA
 GGAGCATCGCGTGGTTTGTAGTCACAGCCCTAGACGAGATTGCATGGCTGTTCAATCTCCGCGGGTCAGA
 TGTGGAACACAATCCTGTGTTTTCTCCTATGCGATCGTAGGCCCTAGAGACGATCATGCTCTTCATTGAC
 GGGGACCGCGTCGACGCGCCGGCGTGAAGCAGCACCTGCTGCTTGAAGTGGCCTGGAGCGGAATACA
 GAATCCAGGTCTGCCATACAAGTCCATCCTGAGTGAGCTCAAGGCCCTGTGTGCTGACCTGTCCCGAG
 GGAGAAAGTGTGGGTGAGTGCAGAACGAGCCAGCTACGCTGTGAGCGAGGCCATCCCAAGGATCACCGCTGC
 TGTATGCCTTACACACCATCTGCATTGCCAAAGCCGTGAAGAAGTCCGCTGAGTCGGACGGCATGAGGC
 GGGCTCACATTAAGATGCCGTTGCCCTCTGCAACTCTTCAACTGGCTGGAGCAAGAGGTTCCCAAAGG
 TGGCGTTACGGAGATCTCTGCGGCTGACAAGGCCGAGGAATTTGAAAGGCAGCAGGCTGACTTTGTGGAT
 CTGAGCTTCCCAACGATTTCCAGCACGGGACCCAAACGGCGCCATCATCCACTACGCGCCAGTCCCTGAGA
 CGAACAGGACCTGTCCCTGGACGAGGTTTACCTCATTGACTCCGGTGTGAGTACAAGGATGGAACCCAC
 GGACGTACCCGGACCATGCACTTTGGGACCCCACTGCCTATGAGAAGGAATGCTTACATACGTAAGT
 AAAGGCCACATAGCTGTGAGCGAGCTGTTTTCCCGACGGGAACCAAGGCCACCTTCTGGACTCCTTTG
 CCCGGTACGCTTGTGGGATTCTGGTCTGGATTACCTGCATGGAACAGGACATGGCGTTGGTCTTTTT
 GAATGTTACGAGGGGCCCTGTGGCATCAGTTATAAAACATTCTCCGATGAGCCCTTGAAGCGGGCATG
 ATCGTCACTGATGAGCCAGGGTATTACGAAGACGGGGCGTTTGGGATCCGCATTGAGAATGTTGTTCTGG
 TGGTCCCAGCAAAAACCAAGTATAATTTCAACAACCGAGGAAGCCTGACCTTTGAACCTCTAACTTTGGT
 TCCCATCCAGACAAAATGATAGATGTGAATGCTTTACAGATAAAGAGTGTGACTGGCTCAACAGCTAC
 CACCAGACCTGCAGGGACGTGGTGGGAAGGAGCTGCAGAGCCAGGGCCCGCAGGAAGCTCTCGAGTGGC
 TCATCAGAGAGACAGAGCTGTCTCCAGGCAGCATTGATGTCGCCTGGCGTTGGTTTTTCGTAGGATGCT
 CTGGGGGAAGGAGACACAAGGCAGACCCCTGACTTCTCTCCTCACCTCCTCCTCCTCCCGACTCCT
 CTTTTACTTTTAGACACTAAGAAGAGCTGAAACTCTTCTTACCTACTTTGATATTTCTTGCAAAACAGT
 CTTTTATGAATTTTTAATTGTTGAGAATGAGCCAGGAATAAAAGTGTACACCAGAAGGAGGGGGCCAC
 GAAGCCGAAGACTTGACAAGGGGGAGACACCCCAAGCCCTCTGGCCAGGGATGGCCAACACTGACTGCTC
 CGCGATGGTCTCGTTCCAGGTGCTAGGACCTCAGTACGGTCACCTTGATGTTTATGAGACCTCCTATG
 ATCAGTGAATAAAACCATCAAAACTCAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC065174

Insert Size: 1872 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: [BC065174](#), [AAH65174](#)

RefSeq Size: 2424 bp

RefSeq ORF: 1872 bp

Locus ID: 170750

Cytogenetics: 19 D2

Gene Summary: Contributes to the degradation of bradykinin. Catalyzes the removal of a penultimate prolyl residue from the N-termini of peptides, such as Arg-Pro-Pro (By similarity).[UniProtKB/Swiss-Prot Function]