

Product datasheet for **MR209521**

Xpnpep1 (NM_133216) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Xpnpep1 (NM_133216) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Xpnpep1
Synonyms:	D230045I08Rik; sAMP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209521 representing NM_133216
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGCTCCAGAAAGCCGCCGAGTAAAGGCGAATCGCCAGGACTTTCAGCTGAGAAATTTAAGAA
 TAATTGAACCTAACGAGGTGACACCCTCAGGAGACAAGAGTGTGGAAACAGACCACAGGATGGCTCCGAA
 GGTGACTTCAGAACTGCTTCGGCAGCTGCGACAAGCTATGAGGAACTCCGAATACGTGGCAGAACCCATC
 CAGGCCTATATCATCCCCTCAGGAGATGCCACCAGAGCGAGTACATTGCACCCTGTGACTGTGGAGGG
 CGTTTGTCTCTGGATTGATGGCTCTGCAGGCACAGCCATCATCACGGAGGAGCATGCGGCCATGTGGAC
 TGACGGGGCTACTTCTCCAGGCTGCCAAACAGATGGACAACAAGTGGACTCTCATGAAGATGGGTCTG
 AAAGACACACCAACTCAGGAGGACTGGTGGTGTGCTTCCAGAAGGATCCAGGGTTGGTGTGGACC
 CCCTCATATTCCACAGATTACTGGAAGAAGATGGCCAAGGACTGCGAAGTGTGGTCCACCACCTCGT
 GCCTGTGAAGGAGAACCTTGTGGACAAGATCTGGACAGACCGGCCGAGCGCCCTTGCAAGCCCCTCCTC
 AACTGGGCTGGATTATACAGGATCTCGTGGAAAGGAGAAGGTTGCAGACCTCCGGTTGAAATGGCAG
 AGAGGAGCATCGCGTGGTTGTAGTCACAGCCCTAGACGAGATTGCATGGCTGTTCAATCTCCGCGGGTC
 AGATGTGGAACACAATCCTGTGTTTTCTCCTATGCGATCGTAGGCCTAGAGACGATCATGCTTTCATT
 GACGGGGACCGCTCGACGCGCCGGGCGTGAAGCAGCACCTGTGCTTGAAGTGGCCTGGAGGCGGAAT
 ACAGAATCCAGGTCCTGCCATACAAGTCCATCCTGAGTGAAGTCAAGGCCTGTGTGCTGACCTGTCCCC
 GAGGGAGAAAGTGGGTGAGTGAAGGCCAGCTACGCTGTGAGCGAGGCCATCCCCAAGGATCACCGC
 TGCTGTATGCCTTACACACCCATCTGCATTGCCAAAGCCGTGAAGAACTCCGCTGAGTCGGACGGCATGA
 GGCGGGCTCACATTAAGATGCCGTTGCCCTCTGCGAAGTCTTCAACTGGCTGGAGCAAGAGGTTCCCAA
 AGGTGGCGTTACGGAGATCTCTGCGGCTGACAAGGCCGAGGAATTTCAAGGCAGCAGGCTGACTTTGTG
 GATCTGAGCTTCCAACGATTTCCAGCAGCGGACCCAACGGCGCCATCATCCACTACGCGCCAGTCCCTG
 AGACGAACAGGACCCTGTCCCTGGACGAGGTTTACCTCATTGACTCCGGTGTGCTAGTACAAGGATGGAAC
 CACGGACGTCACCCGGACCATGCACTTTGGGACCCCCACTGCCTATGAGAAGGAATGCTTACATACGTA
 CTGAAAGGCCACATAGCTGTGAGCGCAGCTGTTTTCCCGACGGGAACCAAGGCCACCTTCTGGACTCCT
 TTGCCCGTCCAGCCTTGTGGATTCTGGTCTGGATTACCTGCATGGAACAGGACATGGCGTTGGGTCTT
 TTTGAATGTTACGAGGGGCCCTGTGGCATCAGTTATAAAACATTCTCCGATGAGCCCTTGAAGCGGGC
 ATGATCGTCACTGATGAGCCAGGATTAACGAAGACGGGGCGTTTGGGATCCGCATTGAGAAATGTTGTT
 TGGTGGTCCCAGCAAAAACCAAGTATAATTTCAACAACCGAGGAAGCCTGACCTTTGAACCTCTAACTTT
 GTTCCCATCCAGACAAAATGATAGATGTGAATGCTCTTACAGATAAAGAGTGTGACTGGCTCAACAGC
 TACCACCAGACCTGCAGGGACGTGGTTGGGAAGGAGCTGCAGAGCCAGGGCCGCCAGGAAGCTCTCGAGT
 GGCTCATCAGAGAGACAGAGCCTGTCTCCAGGCAGCAT

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_133216.3](#), [NP_573479.3](#)

RefSeq Size: 2521 bp

RefSeq ORF: 2001 bp

Locus ID: 170750

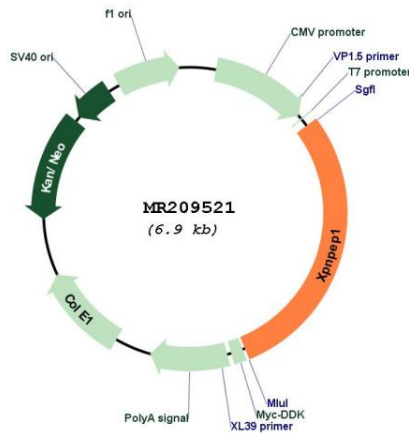
UniProt ID: [Q6P1B1](#)

Cytogenetics: 19 D2

MW: 74.6 kDa

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]

Product images:



Circular map for MR209521