

Product datasheet for **MC206354**

Rnpepl1 (BC031789) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Rnpepl1 (BC031789) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnpepl1
Synonyms:	1110014H17Rik; AI894167
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC031789
 CGTCACACTGCCTCCCGAGGTGCAGGCGCACCAGCCCTTCCAGGTCATCCTACGCTACACCTCGACCGAC
 GCGCCGGCCATCTGGTGGCTGGACCCGGAGCTGACCTATGGCAATGCCAAGCCATTCTGCTTACCCAGG
 GACACTCTGTGTGCAACCGCTCCTTCTTCCCGTGTTCGATACGCCGGCGGTCAAGTGCACCTACTCAGC
 CGTTGTCAAGGCCCTTATAGGGGTACAGGTGCTGATGAGTGAACCCAGAGCGGTACGTGGAAGAGGAA
 GGCCTCTACCACTTCCACATGGAGCACCAGTACCTGCCTACCTCGTAGCCCTTGTGGCCGAGACCTCA
 AGCCAGCAGACATTGGGCCCAGGAGCCGTGTGTGGGTGAGCCATGCCTCCTGCCACAGCCACCAGCAA
 GCTATCAGGTGCAGTGGAAACAGTGGCTGAGTGCAGCAGAGCGATTATATGGACCATACATGTGGGGCAGA
 TATGACATCGTCTTCTGCCGCCCTCCTTCCCCATCGTGCCATGGAGAACCCTGCCTACCTTATCA
 TCTCTCCATCCTTGAGAGTGACGAGTTCCTGGTGATTGATGTCATCCATGAGGTAGCCACAGCTGGTT
 CGGCAATGCTGTACCAACGCTACTTGGGAGGAGATGTGGCTGAGTGAGGGCCTGGCCACCTATGCACAG
 CGCCGATCACCACGGAGACCTATGGGGTGCCTTACCTGCCTAGAGACAGCCTTCCGCTTGGATGCC
 TGCATAGGCAGATGCGGCTTCTTGGGAAGATAGTCCGGTTAGCAAGTTCAGGTCAAGTAGAACCAGG
 AGTGAATCCAGTCACCTGATGAACCTGTTACCTATGAGAAGGGCTACTGCTTCGTGTACTACCTGTCC
 CAGCTCTGTGGCGATCCCGAGCGCTTGTACGACTTCTCCGAGCCTATGTGGAGAAATACAAGTTACCA
 GTGTGGTGGCCAGGACCTGCTGGATTCTTCTGAGCTTCTTCCCTGAAGTGAAGGAGCAGAGCGTGGA
 CTGCCGGGCGAGGCTGGAGTTCGAGCGCTGGCTCAATGCCACAGGCCACCAGTGGCTGAGCCAGACCTG
 TCACAGGGGTCCAGCCTAACCCGGCCTGTGGAAGCCCTTTTCCAGCTGTGGACTGCAGAGCCCTGGAGC
 AGGCGGCAGCTTCAGCCAGTGCCATTGACATCTCCAAATGGAGGACCTTCCAGACAGCACTCTTCTGGA
 CCGGCTGCTAGATGGATCCCGTTGCTCAGGAGGTGGTATGAGCCTGTCCAAGTGCTACTCATCCCTG
 CTGGACTCCATGAACGCTGAGATCCGCATCCGCTGGCTGCAGATCGTTGTCCGAATGACTACTATCCTG
 ATCTTACAGGGTCCGCCGTTTCTGGAAGCCAGATGTCGCGCATGTACACCATCCCACTGTACGAGGA
 CCTCTGCACTGGTGCCCTCAAGTCTTCTGCTCTAGAGGTCTTCTACCAAACCCAGGGCCGCTGCATCCC
 AACTTGGCGAGAACCATCCAGCAGATCCTGTCCAGGGGCTAGGCCCCAGTGCGGAGCCGAGTACAGAGC
 CCAGCACGGACCTGGGCGGTGCTGAGGCAGACGAACCCAGACTCGCCAGCCCTGCTGCTCGGGGACGA
 GGCCCCCAGCAGCACCATCTCTCTCAGGGACGTCAATGTGTCTGCCTAGCCTTGATGGTAACTGACCCTC
 GACCTCCAGACACCACGATTGTGCCTTTTGTGGTCCGGGCCGCCATGACTGCGCCTTGGCTCTGCCAC
 GAGCTCTGCCGGGACCATAACCCCTCCATTGGCTCCAGGCCAGGGGCATAGGGAAAAGGAACTGTATT
 CATTGATGCTCGTGGACAGGGCCACCCTGTCCCTGCTCTCTTGCACTGCAGGCCCCAGGGATGGCCTA
 TACACACTATGCCTCCTGTTTAACTGACAGCCATGCCTCACCTGGAAGCCAGCATCTGCTGACACT
 GCCCTGGGGACAGTGACCCAGCGGTCCACAGCAACAACCAATGTGCCTTAACGTGTGCCAGAGACC
 CAGGATGCACGGTCTGAAATGTGCTTTCCTGCAGAGCCCTGTGTCTGCCCCCTGGGCTGGATGGAAG
 CCTTGCTTTAGGGACAGAAGACAGAGGGGCAAGGACACAGGCATTCCATCAGTGTGGGGGAGGAGACAG
 AGGAAGAGACTAGACCTCTCAAGCAGGCCTGTCTCTGCACTAGTCCAAGCCCCCAGAGGTACAGGGAAGG
 ATGGCCTGTCTTGTGGCGACCTGTGTACCATTTGGTGTCTCTGTGCCTGTCTGTAGGAGAGACCCAG
 GCTGTGACTTCAGCCTGGAAGTGAACAGGAACCATGGTGAAGTGTCCATTAAATCTCCACTCTGCAGAT
 CTGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: BC031789

Insert Size: 1485 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC031789](#), [AAH31789](#)

RefSeq Size: 2489 bp

RefSeq ORF: 1485 bp

Locus ID: 108657

Cytogenetics: 1 D

Gene Summary: Broad specificity aminopeptidase which preferentially hydrolyzes an N-terminal methionine, citrulline or glutamine.[UniProtKB/Swiss-Prot Function]