

## Product datasheet for **MC204044**

### Rnpep (NM\_145417) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Rnpep (NM_145417) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Rnpep
Synonyms:	MGC29229
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC019200  
 CCACGCGTCCGCGGACGCGTGGGCGGGTGGAGCAACCGCTCAGGAGCCATGGAGAGCGGCGGACCAGGCAA  
 CTACAGCGGGGCCCGCGGCGGCACTGCACTCGGCCAAGCCGTGGACGTGGCCTCGGCCTCCAGCTTC  
 CGCGCCTTCGAGATCCTGCACCTGCACCTGGACCTGCGGGCCGAGTTCGGGCTCCGGGCCCGGGTCCGG  
 GAAGCCGCGGATTGAGCGGCACGGCGACGCTGGAGCTGCGTTGTTTGCTCCCGAGGGCGCCTCGGAGCT  
 GCGGCTCGACTCGCACAGCTGCTTGGAGGTGACGGCGGCGACGCTGCGACGGGGACAGCCGGGAGACCAG  
 CAGGCGCCGCGCAGAGCCGTCCTTTCCACACACAGCCCTTCTCGCACTATGGCCAGGCCGTGTCGTGG  
 CCTTCCCGCAGCCCTGCGGTGCCGCCGATCGCTTCGAGCTGGAGCTCACCTACCGCGTCGGGAGGGACC  
 CGGGTTTGCTGGTTGGCTCCTGAGCAGACAGCAGGAAAGAAGAAACCCTTTGTCTATACCCAGGGTCAG  
 GCGGTCTTAAACCGAGCCTTTTTCCCTTGTCTTACACTCCAGCAGTGAATGCACGTATTCGGCTCTTA  
 TTGAGGTTCCAGATGGCTTCACAGCTGTGATGAGTGCAGACACCTGGGAGAAGAGAGGACCAATAAGTT  
 CTTCTCCAGATGAGCCATCCCATCCCCTCTATCTGATAGCTTTGGCCATTGGAGATCTGGCTTCAGCT  
 GAGGTTGACCCAGGAGCCGGGTGGGCGGAGCCCTGCCTGATTGAAGCTGCCAAGGAGGAATACAGTG  
 GGGTCATAGAAGAATTTCTGGCAACAGGAGAGAAGCTTTTCGGACCCTATGTTTGGGAAGGTATGACTT  
 GCTCTTTATGCCACCGTCTTTCCATTTGGAGGAATGGAAAATCCTTGCCTGACCTTTGCTACTCCGTGC  
 CTGCTAGCAGGGACCGCTCGTTAGCCGACGTATCATCCATGAGATCTCCACAGTTGGTTTGGGAACC  
 TGGTCACCAATGCCAAGTGGGGGAGTTCTGGCTCAATGAAGGCTTACCATGTATGCCAGAGGAGGAT  
 CTCCACCATCCTGTTGGAGCTGCTTACACTTGTGGAGGCTGCCACAGGGAGGGCTCTGCTGCCTCAG  
 CACATGAATGTCTCCGGAGAGGAAAACCACTCAACAAGCTCCGGGTGAAGATTGAACAGGTGTGGACC  
 CCGATGACACCTACAATGAGACCCCTACGAGAAAGGTTACTGCTTTGTCTACACTGGCCACCTGGT  
 GGGTGATCAGGATCAGTTTGACAAGTTTCTCAAGGCTATGTAGATGAGTTTAAATCCAAAGTATCTTG  
 GCTGAAGACTTTTGAATTCTACCTGGAGTATTTCCCTGAGTTGAAGAAGAAGGGAGTAGATCCATTC  
 CAGGTTTTGAGTTTGATCGATGGCTGAACACCCCTGGATGGCCCCCTACCTCCCGACCTCTCCCCTGG  
 GGACTCACTCATGAAGCCAGCTGAAGAGCTGGCAGAACTGTGGGTGACCTCAGAGCCAGACTGCAAGCC  
 ATTGAAGCCGTGGCCATCTCTACCTGGAAGACCTACCAGCTTGTCTACTTCTTAGATAAGATCTTGCAGA  
 AGTCTCTCTCCCTCCTGGGAATGTGAAAAAATTGGGGAGACATACCAAGATTTCCAATGCTCAGAA  
 TGCTGAGTTACGGCTAAGATGGGGCCAAATCATCTTAAGAATGACTACCAAGAGGAATCCAGAAAGTG  
 AAGGACTTCTGCAGAGCCAGGGAAAGCAGAAGTACACTCTGCCTCTGTACCACGCCATGATGGGTGGCA  
 GTGAGATGGCCCCGACCTGGCCAAGGACACCTTTGCCGCCACTGCTCCAGCTCCACAGCAACGTCGT  
 CAACTATGTCCAGCAGATCCTGGCGCCAAAGGACAGTTAGAGGCTTCGCCTGGGTGGTCCCTGCCTCAGA  
 AAGGCTTACAGGCTTCTGAAGAATTGCTCCTTCCCAAATTCATGTTCTCACTCCAGTGCCCCGGAGCT  
 TCTGTTCTTTGGTTTGGTCTCTGCCCTGGTGGCGGCTTCTGGTCTAGAGAGTCCCTGAGAGTCCTAGGA  
 GGCTCCCATGCTCCCCCTAGCCAGGCTGCAGAGAGTAAAATATCATTCTTTTTCACTTAAATAAATG  
 TTTTAAAGCAAGAAGTAGAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_145417

**Insert Size:** 1953 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">BC019200</a></u> , <u><a href="#">AAH19200</a></u>
<b>RefSeq Size:</b>	2275 bp
<b>RefSeq ORF:</b>	1953 bp
<b>Locus ID:</b>	215615
<b>UniProt ID:</b>	<u><a href="#">Q8VCT3</a></u>
<b>Cytogenetics:</b>	1 E4
<b>Gene Summary:</b>	<p>Exopeptidase which selectively removes arginine and/or lysine residues from the N-terminus of several peptide substrates including Arg(0)-Leu-enkephalin, Arg(0)-Met-enkephalin and Arg(-1)-Lys(0)-somatostatin-14. Can hydrolyze leukotriene A4 (LTA-4) into leukotriene B4 (LTB-4) (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>