

## Product datasheet for **RN207955**

### Enpep (NM\_022251) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Enpep (NM_022251) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Enpep
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN207955 representing NM\_022251  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAACCTTTCAGAGGAAGACCCCTCTAAGAAATACTGCATTAAGGCAAACACGTGCCATCATCTGCC  
 CAACGGTGGTAGCAGTGGGATTAATAGTAGGACTTTCTGTGGCTTGACCAGGTCGTGTGAGCCGGGCAC  
 AACCCCGCTCCTTCCAACCCTCTCCACACACCAGCACTGCCCTGCCTCCCAGGATCAGAATGTCTGC  
 CCTGACAGTGACGATGAAAGTGGAGAATGGAAAACTTCAGGCTGCCGGACTTCATCCAGCCAGTCACT  
 ACGACCTGGAGGTGAAGTCTAATGGAGGAAGACAGGTACACGGGCATAGTGAGCATCTCTGTCAACT  
 GAGCAAAGACACTCGTGACCTATGGCTGCACATCAGGGAAACCAGGATCACCAAGCTGCCGGAGCTAAGG  
 AGGCCCTCCGGGAGCAGGTACCGATTCGACGGTCTTTGAGTACAAGAAGCAGGAGTACGTGGTGATTC  
 AGGCTGAAGAAGACCTTCGGCCACCAGCGGGACAGTGTCTATCGGCTGACCATAGAGTTTGAAGGCTG  
 GTTGAACGGCTCCCTTGTGGGTTTTACAGAACCCTACACGGAGGACGGGCAAACCAAGAGCATAGCG  
 GCCACTGACCACGAACCAACAGATGCCAGGAAGTCCCTCCCTTGTTCGATGAACCAACAAGAAGGCGA  
 CTTACAACATATCCCTCATTACCCGAAAGAATACTCAGCACTTTCGAATATGCCAGTAGAGAAGGAAGA  
 GACACTGGATAACGACTGGAAGAAAACCACTTTCATGAAGTCCGTCCCGATGAGCACTTACCTGGTGTGC  
 TTTGCTGTACATCAGTTCACCTCGATACAGAGAATCCAGGAGTGGCAAACCACTCACTGTTTACGTCC  
 AGCCCAACCAAAAGCAAACAGCAGAGTATGCGGCAAACATAACCAAAAGCTGTGTTGACTTCTTTGAAGA  
 CTACTTCGCTATGGAGTATTCTCTCCGAAACTGGATAAAATTGCTATTCAGATTTTGGACCCGGCC  
 ATGGAAAACGGGGACTTGTCACTTACCGAGAACAACCTGCTTATGACCCCTGCTATCGCCCTCAT  
 CCAACAGCAGAGAGTAGCCAGCGTGGTTGCCACGAGCTCGTGACCAAGTGGTTGGAAATATCGTGAC  
 CATGGACTGGTGGGACGACTTGTGGCTAAATGAAGGATTTGCTTCTTCGAGTTCCTGGGAGTAAAC  
 CACGCAGAAGCAGACTGGCAGATGCTCAGTCAGGTGCTGCTTGAAGACGTGCTACCTGTGACGAGGATG  
 ACTCCCTGATGCTCCTCACATCCGGTGGTGTACGGTGTCTACTCCAGTGAAATAACGTCTGTGTTGCA  
 TGGAAATATCATACAGCAAGGGAGCTTCTATCCTGAGAATGCTTCAAGACTGGATAACACCAGAGAAATTC  
 CAAAAGGGGTGTGAGTTACTTGGAAAACCTCAAGTTCAGAACCGGAAAACCTCCGACTTTTGGGATT  
 CACTGGAAAAGGCAAGTAATCAACCAGTGAAGAAGTAAATGGACACCTGGACTAGCCAGATGGGCTATCC  
 TGTGGTACTGTGAGTGGAAAGCAGAACGTCAACCAGAAACGCTTCTGTTGGACTACAAAGCTGACCT  
 TCCAGCCACCGTCAGCACTTGGTTACACATGGAATATCCAATCAAATGGACCGAAAATGGCAATTCAA  
 ATATCACAGTCTACTATAGGTCAAACAGAGAAGGAATCACTTTGAATGCTAATCTTAGCGGAGATGGTTT  
 TCTTAAAATAAACCCAGATCACATTGGGTTTTATCGTGTAAACTATGAAGCAGAAAACCTGGGATTGGATA  
 GCTGAGACTCTCTCCTCAAACCACATGAACTTCTCTTCTGCTGACCGGTCAAGTTTTATCGATGATGCTT  
 TTGCTCTGGCAAGAGCTCAACTTCTGGATTATGAGAAGGCCCTGAACTTGACCAGGTATCTCACATCAGA  
 AAAGGATTTCTTACCATGGGAGAGATCATTTCAGCTGTAAGCTACATCATTAGCATGTTTGAAGATGAC  
 AGAGAGCTGTACCCCTGATAGAGACATACTCCGAAGCCAAGTGAAGCCATTGCGGATTCTCTGGGAT  
 GGCAGGATACCGGAAGCCACATCAAAAGTTACTCCGGCCCTCTGATTAGGATTCGATGCAAGATGGG  
 AGCCGGAGAAGCCTTGGGCAATGCTTCCAGTTATTTGAGGCCTGGCTGAAAGGGAATGAAAGCATTCT  
 GTGAACCTCAGGCTGCTGGTGTATCGCTATGGAATGCAGAACTCTGGCAATGAGGCAGCGTGAACATA  
 CTCTAGAGCAGTACCAGAAAACATCTCTAGCACAAAGAGAAAAGAAAGCTGCTCTATGGGTTAGCTTCGGT  
 GAAGGATGTTACTCTTGGCAAGGTATCTGGAATGCTCAAAGACCCCAATATTATTAATAACTCAGGAC  
 GTATTTACAGTCACTCCGCTACATCTCTACAACAGCTATGGGAAAAGCATGGCCTGGAACGGATCCAAC  
 TCAACTGGGACTATCTGGTCAACAGATTTACAATCAACGACAGATACCTTGGCCGGATCGTACCATAGC  
 CGAGCCCTTCAACACTGAGCTGCAGCTCTGGCAGATGCAGAGCTCTTTGCAAAAATCCAATGCTGGC  
 GCTGGAGCAAAAACCCAGAGCAAGTGTGAAACGGTGAAGAACAACATCGAGTGGCTAAAACCTGAACA  
 GAAAGTCCATCAGCGAGTGGTTACCAGCATGCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

<b>ACCN:</b>	NM_022251
<b>Insert Size:</b>	2838 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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>	<a href="#">NM_022251.2</a> , <a href="#">NP_071587.2</a>
<b>RefSeq Size:</b>	3822 bp
<b>RefSeq ORF:</b>	2838 bp
<b>Locus ID:</b>	64017
<b>UniProt ID:</b>	<a href="#">P50123</a>
<b>Cytogenetics:</b>	2q42
<b>Gene Summary:</b>	ectoenzyme that selectively hydrolyzes acidic amino acid residues from the amino terminus of oligopeptides [RGD, Feb 2006]