

## Product datasheet for **RN214535**

### **Dnpep (NM\_001024879) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dnpep (NM_001024879) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dnpep
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214535 representing NM\_001024879  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATG**CGAGTGGCCATGAACGGCAGAGCTAGGAAAGAGGCTATCCAGGCCACAGCCAGGAGCTCATCAAGT**  
 TCGTGAACCGGAGCCCTCTCCTTTCCATGTCGTGGCCGAGTGTGCGAGCCGCCTACTCCAGGCTGGCTT  
 CCGTGAACCAAGGAAACAGAGGGCTGGGATATCTTACCAGAAAACAAGTACTTCTTAACCAGAACTCC  
 TCCACCATCATTGCTTTTGTGTGGGGGCCAGTATGTTCTGGCAATGGCTTCAAGCCTATTGGGGCCC  
 ACACGGACAGTCCCTGCCTCCGGGTGAAACGCAAATCTCGCCGAAGCCAGGTGGGCTACCACCAGGTGGG  
 CGTAGAGACCTATGGTGGTGGGATCTGGAGCACGTGGTTTGACCGGGACCTGACCTTGGCTGGACGAGTC  
 ATTATCAAGTGCCTACGTCAGGCAGACTGGAGCAGAGGTTTGTGCATATAGAGCGGCCCATCTCGCGCA  
 TCCCGCATCTGGCCATCCATCTGCAGCGAAATGTCAATGAGAATTTGGGCCAACACAGAGATGCACCT  
 AGTCCCTATTCTTCCACAGCAGTTCAGGAAGAGCTGGAGAAAGGGACTCCTGAACCAGGGCCTCTCAGT  
 GCTACTGATGAGCGGCACCACTCAGTCCCTCATGTCCCTGCTCTGTACCCATCTGGGACTGAGTCCCTGACA  
 ACATCATGGAGATGGAGCTCTGCCTGGCAGACACCCAGCCTGCAACCCTGGTGGAGCTTATGAAGAATT  
 CATCTTTGCTCCTCGGCTGGACAATCTGCATAGCTGCTTCTGTGCTCTGCAGGCACTGATTGATTCTGT  
 GCATCCCTGCCTCCCTGGCCAGGGAGCCACATGTGCGCATGGTCAAGCTCTACGACAATGAAGAGGTGG  
 GGTGAGAGAGTGCACAAGGAGCAGACTCTGTGACAGAGCTGATACTACGGCGCATCTCAGCCTCACC  
 TCAGCGTCTGACTGCCTTCGAGGAAGCCATACCTAAGTCTTTCATGATCAGTGCAGACATGGCCCATGCT  
 GTGCACCAAACTACTCGGACAAGCATGAAGAAAACATCGGCCCTTGTCCATAAGGGTCTGTGATCA  
 AGGTGAACAGCAAGCAGCGCTACGCCTAATGCGGTGTCTGAGTCCCTGATTGAGAGGTGGCCGCGCA  
 AGTTGGAGTCCCTCTGCAGGACCTCATGGTCAAGGAATGACTCTCCATGTGGTACCACCATGGACCTATC  
 TTGGCTTCTCGACTGGGGCTTCGGGTGCTGGACTTAGGCAGCCCCAACTGGCCATGCACCTATCCGGG  
 AGACAGCCTGTACCAGTGGATTCTCCAGACCCTCACCTTTTCAAGGGTCTTTTGGAGCTGTTCCCTTC  
 TGAAGCCGTAACCTCTTGGTGGACTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001024879
- Insert Size:** 1428 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: NM\_001024879.1, NP\_001020050.1  
RefSeq Size: 1674 bp  
RefSeq ORF: 1428 bp  
Locus ID: 301529  
Cytogenetics: 9q33