

## Product datasheet for **RN210169**

### **Dpp8 (NM\_001108159) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpp8 (NM_001108159) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpp8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN210169 representing NM\_001108159  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAATACCATCAGGAAGATGCAACATGGCAGCAGCAATGAAACAGAGCAGCTGGTGTGAGATAT  
 TTGAAACTGCAGAGTGTGAGGAGGAAATGGTGAATCACAGGATCGACCCAACTGGAGCCTTTTTATGT  
 CGAACGGTATTCTTGGAGTCAGCTGAAAAAGCTGCTCACTGATACCAGAAAATATCATGGCTACATGATG  
 GCTAAGGCCACATGACTTTATGTTTGTGAAGAGGGCGGATCCAGATGGACCTCACTCAGACAGGGTCT  
 ACTATCTGGCCATGTCTGGTGAAGACAGAGAAAATACACTATTTTATTCTGAAATCCCTAAAACCATCAA  
 CAGAGCAGCAGTCTTAATGCTTTCTTGGAAAGCCTCTTTTGGATCTTTTTCAGGCAACACTAGACTATGGG  
 ATGTATTCTCGAGAGGAAGAGCTACTCAGAGAAAGAAAGCGCATCGGGACTGTGGGGATCGCAGCTTATG  
 ATTACCACCCGGGAAGTGGGACATTCTGTTTCAAGCTGGCAGCGGCATTTACCACATCAAAGATGGAGG  
 ACCACATGGGTTACACAACAGCCTTTACGGCCCAATTTAGTGGAACTAGTTGTCCAATATACGAATG  
 GATCCAAAGTTATGCCCGCTGATCCAGACTGGATAGCTTTCATTACAGCAATGATATTTGGATATCGA  
 ACCTCGTAACCGAGGAAGAACGGAGGCTCACCTATGTGCACAATGAGCTAGCCAGCATGGAAGAGGATCC  
 CAGGTCAGCCGGGTTGCCACCTTTGTTCTTCAAGAAGAAATTTGACAGATATTCTGGCTACTGGTGGTGT  
 CCACAAGCCGAAAGAAGCTCTAGTGGTGGTAAAATTTTGAAGATTCTCTATGAAGAAAACGATGAATCTG  
 AGGTGGAGATTATTCATGTTACATCCCCATGTTGAAACAAGAAGGGCAGATTCCTTCCGGTACCCATA  
 AACAGGCACAGCAAAACCAAGGTCACCTTCAAGATGTCCGAGATAGTTGTTGATGCTGAAGGAGGGATT  
 ATAGATGCATAGATAAAGAAGTGGTCAACCTTTCGAGATTCTGTTTGAAGGAGTTGAATATATTGCCA  
 GAGCTGGATGGACTCCAGAGGGAAAATATGCCTGGTCCATCCTTCTAGACCGTTCAGACTCACCTGCA  
 GATAGTTCTGATCTCCCTGAGTTATTCATCCCGGTAGAAGATGATGCCATGGACAGACAGAGACTCATA  
 GAGTCAGTTCTGACTCCGTGACACCGCTGATCATCTATGAAGAAAACAACAGACATCTGGATAAACATCC  
 ACGATATCTTTCATGTTTTCTCAAACCTCATGAAGATGAAATTGAGTTATTTTTGCCTCTGAATGCAA  
 AACAGGTTTTCTGTCATCTGTATAAAATCACATCCATTTTAAAGGAGAGCAATACAAACGGTCCAGTGGT  
 GGACTCCCTGCCCAAGTATTTCAAGTGTCCATCAAAGAGGAAATAGCAATCACCAGTGGTGAATGGG  
 AAGTACTTGGCCGTCATGGATCTAACATCTGGGTTGATGAAGCCAGAAAGCTGGTGTACTTTGAAGGCAC  
 CAAAGACTCTCCTTTGGAACATCATCTGTACGTGACCAGTTATGCAAACCTGGCGACGTGCACTGTGAC  
 TTCTTCATAAGTAAGTACAGCAACCAGAAGAGTCCACACTGCGTGTCCCTCTCAAACCTCTCAAGTCTGT  
 ACGATGACCCAGTTCATAAAACAAGGAATTTTGGGCCACCATTTTGGATTACAGCAGGTCCTCTTCTGTA  
 CTACACCCCTCCAGAAATTTTTCTTTTGAAGTACTACTGGATTTACACTGTACGGAATGCTGTATAAG  
 CCTCATGACCTACAACCTGGAAGAAAATACCCCACTGTGCTTTCATATATGGTGGCCCCAG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108159
- Insert Size:** 1956 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\\_001108159.1](#), [NP\\_001101629.1](#)

**RefSeq Size:** 6621 bp

**RefSeq ORF:** 1956 bp

**Locus ID:** 315758

**Cytogenetics:** 8q24