

## Product datasheet for **MC222407**

### **Dpp8 (NM\_028906) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpp8 (NM_028906) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp8
Synonyms:	2310004I03Rik; 4932434F09Rik; AI666706; DPP VIII
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC222407 representing NM\_028906  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAAAATACCATCAGGAAGATGCAACATGGCAGCAGCAATGAAAACAGAACAGCTGGTGTGCGAGATAT  
 TTGAAACTGCAGAGTGTGAGGAGGGAAATGGTGAATCACAGGACCGACCCAACTGGAGCCTTTTTATGT  
 CGAACGGTATTCTTGAGTCACTGAAAAAGCTGCTTGCTGATACCAGAAAAATACCACGGCTACATGATG  
 GCTAAGGCCCCACATGACTTTATGTTTGTAAAGAGGACGGATCCAGATGGGCCTCACTCAGACAGGGTCT  
 ATTACCTTGCCATGTCTGGTGAAGACAGAGAAAAACACTATTTTATTCTGAAATCCCTAAAACCATCAA  
 CAGAGCAGCAGTCTTAATGCTTTCCTGGAAGCCCTTTTGGATCTTTTTCAGGCGCACTAGACTATGGG  
 ATGTATTCTCGAGAGGAAGAGCTACTCAGAGAAAGAAAGCGCATTGGAACCGTGGGGATCGCAGCTTATG  
 ATTACCACCCAGGAAGCGGAACATTCTGTTTCAAGCTGGCAGCGGCATTTACCATATCAAAGATGGAGG  
 ACCACATGGATTTACACAACAGCCTTTGCGGCCAATTTAGTGGAACTAGTTGTCCCAATATACGAATG  
 GATCCAAAATTATGCCCTGCTGATCCAGACTGGATAGCTTTCATTACAGCAATGATATTTGGATATCAA  
 ACCTCGTAACCCAGGAAGAGCGGAGGATCACATACGTACACAATGAGCTAGCCAACATGGAAGAGGATCC  
 CAGATCAGCTGGTGTGCCACCTTTGTTCTTCAAGAAGAAATTTGACAGATACTCTGGCTACTGGTGGTGT  
 CCCCAAGCGGAAAGAAGCTCTAGTGGTGGTAAAATTTTGAAGATTCTCTATGAAGAAAAATGATGAATCTG  
 AGGTGGAGATTATTCATGTTACGTCCCCCATGTTGAAACAAGGAGGGCAGATTCCTTTTCGTTATCCCAA  
 AACAGGCACAGCAAAACCAAGGTCACCTTCAAGATGTCGGAGATTGTTGTTGATGCTGCAGGAGGGATT  
 ATAGATGTCATAGATAAAGAAGTGGTTCACCTTTCGAGATTCTGTTGAGGGAGTTGAATATATTGCCA  
 GAGCCGGATGGACTCCAGAGGGAAAACATGCCTGGTCCATCCTACTAGACCGTTCAGAGACTCACCTGCA  
 GATAGTTCTGATCTCCCTGAGTTATTCATCCCGTAGAAGATGATGCCATGGACAGACAGAGACTTATA  
 GAGTCAGTTCCTGACTCTGTGACACCCTGATCATCTATGAAGAAAACAACAGACATCTGGATAAATATCC  
 ACGATATTTTTCATGTTTTTCTCAAACCTCATGAAGATGAAATTGAGTTATTTTTGCCTCTGAATGCAA  
 AACAGGTTTTTCGTCATCTGTATAAAATCACATCCATTTTAAAGGAGAGCAAAATAAACGGTCCAGTGGT  
 GGACTACCTGCCCAAGTATTTCAAGTGTCTATCAAAGAAGAAATAACAATTACCAGTGGTGAATGGG  
 AAGTACTTGGCCGCATGGATCTAATATCTGGTTGATGAAGCCAGAAAGCTGGTGTACTTTGAAGGCAC  
 CAAAGACTCTCCTTTGGAGCATCACCTGTACGTGACCAGTTATGCAAACCTGGAGAAGTGGTGAAGCTG  
 ACTGACCGTGGCTACTCACACTCTGCTGCCTCAGCCGGCATTGTGACTTCTTCATAAGTAAAGTACAGCA  
 ACCAGAAGAATCCACACTGTGTGCCCTTACAAACTCTCAAGTCTGAGGATGACCCAGTTCATAAAAC  
 AAAGGAATTTTGGGCCACCATTTTGGATTACAGAGTCCCTCTTCTGACTACACCCCTCCAGAAATTTTT  
 TCTTTTGAAGTACTACTGGATTTACACTGTATGGAATGTTGTATAAGCCTCATGACCTACAACCTGGAA  
 AGAAATACCCCACTGTGTTATTCATATATGGTGGTCCCCAGGTGCAGCTGGTGAACAATCGGTTTAAAGG  
 AGTCAAGTATTTCCGCCTGAACACCCTGGCCTCCCTGGGTTATGTGGTTGTGGTATAGACAACAGGGGA  
 TCCTGTCACCGAGGACTTAAATTTGAAGCGCCTTTAAATATAAAATGGGTCAAATAGAAATCGATGATC  
 AAGTGAAGGACTCCAGTACCTAGCATCTCAGTATGACTTCATTGACTTGGATCGAGTGGGCATCCACGG  
 CTGGTCTATGGTGGCTACCTCTCCCTGATGGCATTAAATGCAGAGGTCGGATATCTCCGGTGGCTATT  
 GCTGGGGCCCCAGTCACCCTGTGGATCTTCTATGATACAGGATACACGGAGCGCTATATGGGTACCCTG  
 ACCAGAATGAACAGGGCTACTACTTAGGATCTGTGGCCATGCAAGCGGAGAAAGTCCCTCAGAACCAAA  
 CCGGTTACTCCTCTTGATGGGTTCTGGATGAGAATGTTCACTTTGCACACACCAGTATATTGCTGAGT  
 TTTTTAGTGAGGGCTGGAAGCCATATGACTTACAGATCTATCCTCAGGAGAGGCACAGCATCAGAGTTC  
 CTGAGTCTGGAGAACACTATGAACTGCACCTGCTCCACTACCTCAGGAGAACCTTGGATCGCGTATCGC  
 TGCTCTGAAAGTGATATAA

**ACGGT**ACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_028906

<b>Insert Size:</b>	2679 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_028906.2</a> , <a href="#">NP_083182.2</a>
<b>RefSeq Size:</b>	4799 bp
<b>RefSeq ORF:</b>	2679 bp
<b>Locus ID:</b>	74388
<b>UniProt ID:</b>	<a href="#">Q80YA7</a>
<b>Cytogenetics:</b>	9 C
<b>Gene Summary:</b>	Dipeptidyl peptidase that cleaves off N-terminal dipeptides from proteins having a Pro or Ala residue at position 2.[UniProtKB/Swiss-Prot Function]