

## Product datasheet for **MC205900**

### **Dpp9 (NM\_172624) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpp9 (NM_172624) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp9
Synonyms:	6430584G11Rik; A330078I11; DPP IX; DPRP2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:**

```
>BC057631
GCTGGCGGGTCCCCCGGTGCCGCCCTTCGCTGTCCCCCGCGCCGCCACTTCCGGGCCCTCGTCT
TGGGCATGGAGCGTCCGCTGTGAGGCGCCGCCGGCCCCGGGGACGCCCTGCTCAGCTTGTCTCCGCGCC
ACGCTCGGGTCCGTGCCCTCGCTGCAGCTGCCATGGAAGCTCCTTGGACCTTTAGAAGCTTCTCGCC
GCCATCACAGGAGCCCCAGAGGATGTGCAGCGGGTCTCCCCAGTTGAGCAGGTGGCCGACGGGGACATG
GATGACACGGCAGCACGCTTCTGTGTGCAGAAGCACTCGTGGGATGGGCTGCGTAGCATTATCCACGGCA
GTCGCAAGTCCCTCGGGCCTCATTGTGTCAGCAAGGCCCCCCACGACTTCCAGTTTGTGCAGAAGCCTGACGA
GTCTGGCCCCACTCTCACCGTCTCTATTACCTCGGAATGCCTTACGGCAGCCGTGAGAAGTCCCTCCTC
TACTCCGAGATCCCCAAGAAAGTGCAGGAGGAGCCCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
ACTTCCAGGCCACACCCACCATGGTGTCTACTCCGAGAGGAGGAGCTACTGCGGGAGCGCAAGCGCTT
GGGCGTCTTCGGAATCACCTCTTATGACTTCCACAGTGAGAGCGGCTTCTCCTTCCAGGCCAGCAAT
AGCCTGTTCCACTGCAGGGATGGTGGCAAGAATGGCTTTATGGTGTCCCCGATGAAGCCACTGGAGATCA
AGACTCAGTGTCTGGGCCACGCATGGACCCAAAATCTGCCCGCAGACCCTGCCTTCTTTTCTTCAT
CAACAACAGTGATCTGTGGTGGCAAACATCGAGACTGGGGAGGAACGGCGGCTCACCTTCTGTCACCAG
GGTTCAGCTGGTGTCTGGACAATCCCAAATCAGCAGGCGTGGCCACCTTTGTCATCCAGGAGGAGTTTCG
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AGCTCCAGACGGACCATCAGGGCAAAATCGTGTCAAGCTGCGAGAAGGAACTGGTACAGCCATTCAGCTC
CCTTTTCCCCAAAGTGGAGTACATCGCCCGGGCTGGCTGGACACGGGACGGCAAAATGCTGGGCCATG
TTCTGGACCGTCCCCAGCAACGGCTTCAGCTTGTCTCTGCCCCCTGCTCTTTCATCCCGCCGTTG
AGAGTGAGGCCACGGCAGGCAGCTGCCAGAGCCGTCCCAAGAATGTGCAGCCCTTTGTCATCTATGA
AGAAGTCAACCAATGTCTGGATCAACGTCCACGACATCTCCACCGTTTTCTCAGGCTGAGGGCCAGCAG
GACTTTTTGTTTTCTTCGTGCCAAGCAATGCAAGACTGGCTTCTGCCACCTGTACAGGGTACACAGTGGAA
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GAGCAGACGAAGCTGGTGTACTTTCAAGGTACAAAGGACACACCCTGGAACATCACCTCTATGTGGTCA
GCTACGAGTCAAGGCGAGATCGTGGGCTCACCACGCTCGGCTTCTCCACAGCTGCTCCATGAGCCA
GAGCTTCGACATGTTCTGAGTCACTACAGCAGTGTGAGCAGCCACCCTGTGTACATGTGTACAAGCTG
AGCGGCCCGATGATGACCCACTGCACAAGCAACCACGCTTCTGGCCAGCATGATGGAGGCAGCCAATT
GCCCCCAAGACTATGTGCCCTGAGATCTTCCACTTCCACACCCGTGCAGACGTGCAGCTTACGGCAT
GATCTACAAGCCACACACCCTGCAACCTGGGAGGAAGCACCCACTGTGCTCTTTGTCTATGGGGGCCCA
CAGGTGCAGTTGGTGAACAACCTCTTAAAGGGCATCAAATACCTGCGGCTAAATACACTGGCATCCTTGG
GCTATGCTGTGGTGGTATCGATGGTCCGGGCTCCTGTGACGCGGGCCTGCACCTCGAGGGGGCCCTGAA
AAATCAAATGGGCCAGGTGGAGATTGAGGACCAGGTGGAAGGCTTGCAGTACGTGGCTGAGAAGTATGGC
TTCATTGACTTGAGCCGAGTCCGATCCATGGCTGGTCTACGGCGGCTTCTCTCACTCATGGGCTCA
TCCACAAGCCACAAGTGTCAAGGTAGCCATTGCGGGCGCTCCTGTCACTGTGTGGATGGCTATGACAC
AGGGTACACGGAACGATACATGGATGTCCCCGAAAATAACCAGCAAGGCTATGAGGCAGGGTCTGTAGCC
CTGCATGTGGAGAAGCTGCCAATGAGCCTAACCGCTGCTTATCCTCCACGGCTTCTGGACGAGAAGC
TTCATTTCTCCACAAAATTTCTGGTGTCCAGCTGATCCGAGCAGGAAGCCATACAGCTTACAGAT
CTACCCAAACGAGAGACATAGCATCCGCTGCCGAGTCCGAGAGCATTACGAGGTGACGCTGCTGCAC
TTTCTGCAGGAACACCTGTGACCTCAGTCCGACTCCTGACGCCACCCTGCTCTTCTTGGCTTTTTGTA
ATCTTTTCATTTTTGAAGCTTCCAATTTGCTTGTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTG
GCGGCCCCATGCCGCCCTCCTTGGAGTGGTGGAGAGAAGTGCCTTGGACACACAACCTCCACCAGAC
TGCCATGGCCCCGAACCTGCAATTCATCTAGCGCAGAAGCATGTGCTGCCACCTGCTGCCCTGCAG
AGTCATGTGTGTTTGGTGGGCATTTAAATAATTTAAAAGACAGGAAGTAAGCGGTACCGAGCAA
TGAAACTGAAGGTACAGCACTGGGCGTCTGGGGACCCACGCTCTCCCAACGCCAGACTATGTGGAGCT
GCCAAGCCCTGTCTGGGCACCTCTGCCCTGCCTGTGCTGCGCGGATCCTCCTCACTTAGCACCTAGG
GGTGTACAGGTGGGAGTAGGACCTGTCTGACCTCAGGGTTATATATAGCCCTTCCCCACTCCCTCCTA
CGAGAGTTCTGGCATAAAGAAGTAAAAAAAAAAAAAAAAA
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**Restriction Sites:**

RsrII-NotI

<b>ACCN:</b>	NM_172624
<b>Insert Size:</b>	2589 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="#">BC057631</a> , <a href="#">AAH57631</a>
<b>RefSeq Size:</b>	3399 bp
<b>RefSeq ORF:</b>	2589 bp
<b>Locus ID:</b>	224897
<b>UniProt ID:</b>	<a href="#">Q8BVG4</a>
<b>Cytogenetics:</b>	17 D
<b>Gene Summary:</b>	<p>Dipeptidyl peptidase that cleaves off N-terminal dipeptides from proteins having a Pro or Ala residue at position 2.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks an alternate exon in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at an alternate start codon, compared to variant 1. The encoded isoform (2) has a distinct N-terminus and is shorter than isoform 1.</p>