

## Product datasheet for **MC200133**

### **Dpp3 (BC004600) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpp3 (BC004600) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp3
Synonyms:	4930533O14Rik; C86324
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC004600  
 GCTGCAGCAGGGCTCATGGCAGATACCCAGTACATCCTGCCAATGACATTGGTGTGTCTAGCCTGGACT  
 GCAGGGAGGCATTCCGCCTACTGTACCCACAGAGCGCCTCTATGCCCATCACCTGTCTAGAGCTGCTTG  
 GTATGGGGCCTGGCAGTGTCTCCAGACATCCCCTGAAGCCCCCTACATCTATGCCCTGCTTAGCCGC  
 CTCTCCGTGCCAGGACCCTGACCAGCTGCGCAACATGCCCTGGTGAGGGTCTTACTGAAGAAGAGT  
 ACCAGGCATTCTGGTCTACGCTGCAGGGGTCTACTCCAACATGGGCACTACAAGTCTTTGGTGACAC  
 CAAGTTTGTTCCTAACCTGCCCAAGGACAAGCTGGGACGGTGATCCTGGGGAGTAAGGCTGCCAGCAG  
 CGGCCAGAAGAAGTCAGGGACCTTTGGCAGACCTGTGGGACCTTATGTTCTCCCTGGAACCGAGGCTTC  
 GACATCTTGGGCTGGGAAGGAGGGAGTACCACCTATTTCTCTGGGATTGTACCATGGAAGATGCTAA  
 GCTGGCCAGGACTTTCTGGACTCTCAGAACCTCAGTGCATACAACACTCGGCTCTTCAAGGTGCTTGGC  
 CAGGAAGGGAAGTCCACTATGAGGTGCGGCTGGCTTCACTCAACACAGACCCTGCTTTGACTCTG  
 AATTGACCTCCAAGCTGAAGAGATATGAGTTCAGGGGAACCTTTCCAGGTACCCGGGGGACTATGC  
 CCCATCTCCAGAAGGTGAGAACACTTGGAGAAAGCTAAGGCTTATGCAGCCAACAGCCACCAGGAG  
 CAAATGCTGGCTCAGTACGTGGAGAGCTTACCCAGGGCTCCATTGAGGCCATAAGAGGGGCTCCCGCT  
 TCTGGATTGAGGACAAAGCCCCATTGTAGAGAGTTACATTGGCTTCAATTGAGAGCTACCGTGACCCCTT  
 TGCTCCCGAGGAGATTTGAAGGCTTCGTGGCCATGGTAAACAAGCCATGAGTGCCAAGTTCGAGCGG  
 CTGGTCTGTGAGTGTGAGCAGCTGCTGAAGGAGCTGCCCTGGCCTCTGCCTTCGAGAAGGACAAGTTCC  
 TCAACCCCTGACTTCACTCCCTGGACGTCTCACCTTTGCTGGCTCTGGCATTCTGCGGGCATCAACAT  
 CCCCAACTACGATGACCTGAGACAGACAGAAGGCTTTAAGAAATGTATCGTGGGGAATGTCTGGCTGTG  
 GCCTATGCCGCAAAGCGGGAGAAGCTCACGTTCTTGGAGGAGGAAGACAAGGACCTGTATATCCGCTGGA  
 AGGGCCGTCCTTTGATGTGCAGGTGGGTTACACGAGCTGTTGGGCCATGGCAGCGGAAGCTCTTTGT  
 ACAGGATGAGAAAGGTGCTTTCACTTTGACAAGGAGACTGTGATCAACCCAGAGACTGGGAACAGATC  
 CAGAGCTGGTACCGGAGTGGAGAGACTGGGATAGCAAATTCAGCACCATGCTCCAGTACGAAGAGT  
 GCCGGCCGAGAGTGTGGCCTTACCTCTGTCTCAACCCCAAGTGTGGAGATCTTTGGCTTTGAGGG  
 AGCTGATGAGAAGATGTAATCTACGTGAAGTGGCTCAACATGGTTCGGGCTGGCTTGTGGCTTTGGAG  
 TTCTACACCCAGAGGCAGCAACTGGCGACAGGCCACATGCAGGCCGGTTTGTGATCTGCGGGTTT  
 TGCTGGAAGTGGCGAAGGACTCGTTACCGTCACTCCACACAGGCTCTGATGGGCGCCCTGATGCCCCG  
 GGTCCGCTGGACCGCAGCAAGATCCGGTCAAGTGGGACAGCTGCCTGGAGCGGTTCTGCGGAGACTC  
 CAGGTGCTGAAGTCCACGGGGACGTGGTCCGGGGCGGGCCCTGTACGAGGGCTATGCAGCAGTCACTG  
 ACGCACCTCCAGAGTGTCTTACCCTAAGGGATACGGTACTGCTGCGCAAGGAGTCCCGGAAGCTTAT  
 TGTTCAACCCAACACTCGCCTTGAAGGCTCAGAAGTACAACCTTGTGGAGTATGAGGCCTCAGCCGCTGGT  
 CTATCCGCTCCTTCTGTGAGCGGTTTCCCGAGGATGGGCCGAGTTGGAGGAGGTTCTTATCCAGCTGG  
 CTGCAGCAGATGCCCGATTCTGGAGGGACCAGGCCAGGAGGCCACCTGGCCAGGCTTGAAGAATCT  
 GTGTGGTCTCTCCCTCTTTGTCAAACAGGGCTGTCAAGTACTGAGTTGTGTGATTAGGAGTCAAG  
 GGGAGGGAGGGGAGGAGCTTGGACTTTGGTGTCTACCTCAGTGGGGTGGTGTGCGAACCCTTCCAT  
 TTGTGACACTTTGCAGTTTACCGTATGCTCCTCAGTTTCTGGATCTGCACTGCCATCTATGGCCGGAGCT  
 CAACAGGGTGCCTAGTCCGGTTTCCACATGGGAAGGTGGCAATTCTGAGAAGTACTGTTCTAGACCCG  
 GCAGGTGGCATGTGACAGAGCCAGGGCTCAAAGCATTCTACCAAATCCAGCGCTTTCGTGTATTACTT  
 TTATAGCCAGAAAAATAAATATGACGACCACCATCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** BC004600
- Insert Size:** 2217 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:** [BC004600](#), [AAH04600](#)

**RefSeq Size:** 2654 bp

**RefSeq ORF:** 2217 bp

**Locus ID:** 75221

**Cytogenetics:** 19 A

**Gene Summary:** Cleaves and degrades bioactive peptides, including angiotensin, Leu-enkephalin and Met-enkephalin. Also cleaves Arg-Arg-beta-naphthylamide (in vitro).[UniProtKB/Swiss-Prot Function]