

## Product datasheet for **MC202739**

### **Dpp3 (NM\_133803) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpp3 (NM_133803) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Dpp3
Synonyms:	4930533O14Rik; C86324; DPP III
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC066817 sequence for NM\_133803  
AACGGAGCAGCTGCAGCAGGGCTCATGGCAGATACCCAGTACATCCTGCCAATGACATTGGTGTGTCTA  
GCCTGAACTGCAGGGAGGCATTCGCCTGCTGTCACCACAGAGCGCCTCTATGCCCATCACCTGTCTAG  
AGCTGCTTGGTATGGGGGCTGGCAGTGTCTCCAGACATCCCCTGAAGCCCCCTACATCTATGCCCTG  
CTTAGCCGCCTCTCCGTGCCAGGACCCTGACCAGCTGCGCCAACATGCCCTGGCTGAGGGTCTTACTG  
AAGAAGAGTACCAGGCATTCTGGTCTACGCTGCAGGGGTCTACTCCAACATGGGCAACTACAAGTCCTT  
TGGTGACACCAAGTTTGTTCCTAACCTGCCAAGGACAAGCTGGGACGTGTATCCTGGGAGTAAGGCT  
GCCCAGCAGCGGCCAGAAGAAGTCAGGGACCTTTGGCAGACCTGTGGGGACCTTATGTTCTCCCTGGAAC  
CGAGGCTTCGACATCTTGGGCTGGGGAAGGAGGGAGTACCACCTATTTCTTGGGGATTGTACCATGGA  
AGATGCTAAGCTGGCCAGGACTTTCTGGACTCTCAGAACCTCAGTGCATACAACACTCGGCTCTTCAAG  
GTCGTTGACCAGGAAGGGAAGTCCCACTATGAGGTGCGGCTGGCTTCAAGTCTCAACACAGACCCTGCTC  
TCGACTCTGAATTGACCTCCAAGCTGAAGAGATATGAGTTCAGGGGAACCATTTCCAGGTACCCGGGG  
GGACTATGCCCCATCTCCAGAAGGTGGTAGAACACTGGAGAAAGCTAAGGCTTATGCAGCCAACAGC  
CACCAGGAGCAAATGCTGGCTCAGTACGTGGAGAGCTTACCAGGGCTCCATTGAGGCCATAAGAGGG  
GCTCCCGCTTCTGGATCAGGACAAAGGCCCATTTGAGAGAGTTACATTGGCTTCAATTGAGAGCTACCG  
TGACCCCTTTGGCTCCCGAGGAGAGTTGAAGGCTTCGTGGCCATGGTAAACAAAGCCATGAGTGCCAAG  
TTCGAGCGGCTGGTCCGAGTGTGAGCAGCTGTGAAGGAGTGCCTGGCCTCTTGCCTTCGAGAAGG  
ACAAGTTCCTCACCCCTGACTTCACCTCCCTGGACGTCCTCACCTTTGCTGGCTCTGGCATTCTGCGGG  
CATCAACATCCCCAACTACGATGACCTGAGACAGACAGAAGGCTTTAAGAATGTATCGTGGGGAATGTG  
CTGGCTGTGGCCTATGCCGAAAGCGGGAGAAGCTCACGTTCTTGGAGGAGGAAGACAAGGACCTGTATA  
TCCGCTGGAAGGGGCCGCTCTTTGATGTGCAGGTGGGGTTACACGAACTGTTGGGCCATGGCAGCGGCAA  
GCTCTTTGTACAGGATGAGAAAGGTGCTTTCACTTTGACAAGGAGACTGTGATCAACCCAGAGACTGGG  
GAACAGATCCAGAGCTGGTACCGGAGTGGAGAGACGTGGGATAGCAAATTCAGCACCATTGCCTCCAGCT  
ACGAAGAGTGCCGGGCCAGAGTGTGGCCTCTACCTCTGTCTCAACCCCAAGTCTGGAGATCTTTGG  
CTTTGAGGGAGCTGATGCAGAAGATGTAATCTACGTGAAGTGGCTCAACATGGTTCGGGCTGGCTTGTG  
GCTTTGGAGTTCTACACCCAGAGGCAGCAACTGGCGACAGGCCACATGCAGGCCCGGTTTGTGATCC  
TGCGGGTTTTGCTGGAAGCTGGCGAAGGACTCGTTACCGTCACTCCACCACAGGCTCTGATGGGCGCCC  
TGATGCCCGGGTCCGCTGGACCGCAGCAAGATCCGGTCAAGTGGGCGAGCCTGCCTGGAGCGGTTCTG  
CGGAGACTCCAGGTGCTGAAGTCCACGGGGGACGTGGTCCGGGGGCGGGCCCTGTACGAGGGCTATGCAG  
CAGTCACTGACGCACCTCCAGAGTGCTTCCCTAACCTAAGGGATACGGTACTGCTGCGCAAGGAGTCCCG  
GAAGCTTATTGTTCAACCAACACTCGCCTTGAAGGCTCAGAAGTACAACCTTGTGGAGTATGAGGCCTCA  
GCCGCTGGCCTCATCCGCTCCTTCTGTGAGCGGTTTCCGAGGATGGGCCCGAGTTGGAGGAGGTTCTTA  
TCCAGCTGGCTGCAGCAGATGCCGATTCTGGAGGAACAGGCCAGGAGGCCCCACCTGGCCAGGCTTG  
AGAAGATCTGTGTGGTCTCTCCCCTTTGTCAAACAGGGCTGTGAGTGGCTCTGAGTTGTGTGTGATT  
AGGAGTCAGGGGAGGGAGGGGCAGGAGCTTGGACTTTGGTGTACCTCAGCTGAGGGTGGTATGCGAAC  
CCCTTCCATTTGTGAGCACTTTGCAGTTTACCCTATGTCTCAGTTTCTGGATCTGCACTGCCATCTATG  
GCCGAGCTCAACAGGGTGCCTAGTCCGGTTTTCCACATGGGAAGGTGGCAATTTGAGAAGTACTGTT  
CTAGACCCGGCAGGTGGCATGTGACAGAGCCAGGGCTCAAAGCATTCTCACCAAATCCAGCGCTCTTCGT  
GTATTACTTTTATAGCCAGAAAAATAAATATGACGACCACCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
AA  
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI  
**ACCN:** NM\_133803  
**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).

<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>	<u><a href="#">BC066817</a></u> , <u><a href="#">AAH66817</a></u>
<b>RefSeq Size:</b>	2754 bp
<b>RefSeq ORF:</b>	2217 bp
<b>Locus ID:</b>	75221
<b>UniProt ID:</b>	<u><a href="#">Q99KK7</a></u>
<b>Cytogenetics:</b>	19 A
<b>Gene Summary:</b>	Cleaves and degrades bioactive peptides, including angiotensin, Leu-enkephalin and Met-enkephalin. Also cleaves Arg-Arg-beta-naphthylamide (in vitro).[UniProtKB/Swiss-Prot Function]