

## Product datasheet for **RN209137**

### **Dpp3 (NM\_053748) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Dpp3 (NM_053748) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Dpp3
Synonyms:	MGC124585
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN209137 representing NM\_053748  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCAGATACCCAGTACATCCTGCCCAATGACATCGGTGTGTCTAGCCTGGACTGCCGGGAGGCATTCC  
 GCCTGCTGTACCCACAGAGCGCCTCTATGCCATCACCTGTCTAGAGCCGCTTGGTATGGAGGCCCTGGC  
 TGTGCTGTCCAGACATCTCCTGAAGCCCCCTACATCTATGCCCTGCTTAGCCGCTCTTCCGTGCCAG  
 GACCCTGACCAGCTACGCCAACATGCCCTGGTGAGGGCCTGACTGAAGAAGAGTATCAGGCATTCTGG  
 TCTACGCTGCAGGGTCTACTCCAACATGGGCACTATAAGTCTTCGGTGACACCAAGTTTGTCCCTAA  
 CCTGCCAAAGGAAAAGCTGGAGCGTGTGATCCTTGGGAGTAAGGCTGCCAACAGCATCCAGAAGAAGTC  
 AGGAGCCTTTGGCAGACCTGTGGGAGCTTATGTTCTCCCTGGAACCAAGGCTTCGACATCTTGGGCTGG  
 GGAAGGAGGGAGTACCACCTATTTCTCTGGGATTGTGCCATGGAAGATGCCAAGCTGGCCAGGACTT  
 CCTGGACTCTCAGAACCTCAGTGCATACAACACCCGGCTCTCAAGGTGGTCGGCCAGGAAGGGAAGTAC  
 CACTATGAGGTGCGACTGGCTTCAGTACTCAACACAGAACCTGCTCTCGACTCTGAGTTGACTTCCAAGC  
 TGAAGAGCTACGAGTTCAGGGGAATCATTCCAGGTCACCCGTGGGGACTATGCCCCATCCTCCAGAA  
 GGTGTTAGAACACTTGGAGAAAGCTAAGGCTTATGCAGCCAATAGCCACCAGGAGCAATGCTGGCCAG  
 TATGTGGAGAGCTTACCCAGGGTTCATTGAGGCCCAAGAGGGGCTCCCGCTTCTGGATTGAGGACA  
 AAGGTCCCATTGTAGAGAGTTACATTGGCTTATTGAGAGCTACCGTGACCCCTTTGGCTCCCGAGGAGA  
 ATTTGAAGGCTTCGTGGCCATGGTAAACAAAGACATGAGTGCAAAGTTCGAGCGGCTGGTTGCAAGTGT  
 GAGCAGCTGCTGAAGGAGCTGCCTTGGCCTCCTGCCTTGGAGAAGGACAAGTTCCTCACCCCTGACTTCA  
 TTCCCTGGATGCCTTACCTTTGCCGGCTCTGGCATCCCTGCAGGCATCAACATCCCCAACTATGATGA  
 CCTGAGACAGACAGAGGGCTTTAAGAATGTGTCTCTGGGGAATGTGCTGGCTGTGGCCTATGCCACAAAG  
 CGGGAGAAACTCACCTTCATGGAGGAAGAAGACAAGGACCTGTACATCCGCTGGAAGGGCCGCTCTTTG  
 ATGTGCAGGTGGGGTTACATGAGCTGTTGGGCCATGGCAGCGCAAGCTCTTTGTACAGGATGAGAAAGG  
 TGCTTTCAACTTTGACCAGGAGACAGTATCAACCCAGAGACTGGGGAGCAGATCCAGAGCTGGTACCGG  
 AGTGGAGAGACATGGGATAGCAAATTTAGCACCATTGCCCTCAGTACGAAGAGTGCCGGGCTGAGAGCG  
 TGGGCCTCTACCTCTGTCTCAACCCCAAGTACTTCAGATCTTTGGCTTTGAGGGAAGTACGCAGAGA  
 TGTCTATGTGAAGTGGTCAACATGGTCCGGGCTGGGCTGTTGGCTTTGGAGTTCTACACCCAGAG  
 ACGGCCAACTGGCGACAGGCCACATGCAGGCCGGTTTGTGATCCTGAGGGTTTGTGGAAGCTGGCG  
 AAGGACTCGTTACCGTACCCCCACCACAGGCTCTGATGGGCGCCAGATGCTCGTGTCCACCTGGACCG  
 CAGCAAGATCCGGTCAAGTGGGCAACCTGCTTTGGAGCGGTTCCCTCCGGAGACTGCAGGTGCTGAAGTCC  
 ACAGGGGATGTGGTTGCAGGGCGCGCCCTGTACGAGGGCTATGCGGCGGCTCACTGACGCACCCCCAGAGT  
 GCTTCTCACTCTAAGGGACACGGTATTGCTGCGCAAGGAATCCCGGAAGCTTATTGTCCAGCCCAACAC  
 TCGCCTGGAAGGCTCAGAAGTGAACCTGTAGAGTATGAGGCCTCAGCGGCTGGTCTCATCCGATCCTTC  
 TGTGAACGGTTTCCGGAGGATGGCCTGAGTTGGAGGAGGTTCTTACCCAGCTGGCCACAGCAGATGCTC  
 AATTCTGGAGGGATCAGGTCCAGGAGGCCCATCTGGCCAGGCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_053748  
**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="#">NM_053748.1</a></u> , <u><a href="#">NP_446200.1</a></u>
<b>RefSeq Size:</b>	2632 bp
<b>RefSeq ORF:</b>	2217 bp
<b>Locus ID:</b>	114591
<b>UniProt ID:</b>	<u><a href="#">O55096</a></u>
<b>Cytogenetics:</b>	1q43
<b>Gene Summary:</b>	catalyzes the release of an N-terminal dipeptide from a peptide of four or more residues; catalyzes the hydrolysis of Arg-Arg-2-naphthylamide; binds zinc [RGD, Feb 2006]