

## Product datasheet for **MC205964**

### Dppa4 (BC064754) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Dppa4 (BC064754) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Dppa4  
**Synonyms:** 2410091M23Rik; C76608; ECAT15-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC064754  
GGAGGATTCATCTATTCTCAAGATGGAGACTGCTGGAGACAAGAAGTGGAGCGCAGAAGAGCCGAAGGAA  
GAAGTGGAAATTGCAGATGTCTAGTCAACCAGGCACGGCTCCTGCAAAGGCTAAAGCAACGGGGAAAAAAC  
AAAAGAAGTCGGAGACAGATAATGGTTGTAACCAAAAGGAGGGAAGACCACAAGACTGAGACGCCAGG  
ACAGACTCGTAGGAAGGTACCAATTCCTCTATTCCAGAGTATCTGCCCCAGTGAACCTGATTCACCGA  
GATGTTTTGCGGGCATGGTGCCAGAAGAAACGAGTGAGCAGCAAAGGCCAGAAATTAGATGCTTATAAAC  
GACTCCTTGCAAGGGCTTTCCAGAACAATGCTGGAGTTGAGGAACGTCCTGACTCAGCCAAAGACGC  
CAGGTTGAAGACAGCTCACAAAAAATGAAGACTGAACCGGGGGAGGAGTCTGAGGTGACAGTTCCTCTG  
GAAATGGTCCCTGTGCCAGAGGAGCAGATACCTGCCCTCATTGACCTCCTATGCTCTATGAGGAAGTCA  
GCACCACCGTAGTACTACCTGCCACTGAGGCCGTGTAGCATCTTGGCCAGAATTGCATCCAATGC  
TAAGAAGTACGAGGCAGTGCCAGCCGATGCTTCGTCCTCATCAGAAGTCAAAGGGGAAATGTGGTGTGTG  
GTTTCATGGGACCAGCCTTCTGGGAACTCGCGTGGTTGGGTTGCGCTGCAGTTCCACGCTGGACAAGCCT  
GGGTACCCGATAAGAAAGGAAAAGCCATTGCCCTCTTCTGCTTCCGGCCTGCACATTTCCACCCCA  
CCTGGAGGACAACATGCTGTGCCCAAGTGTGTTCCATAAGAACAAGATCTTGACTAAGAGCCTCGAAGGA  
TAAAGGACAGATCTTTGTTGAGCTAGCTGCTGGCGTCACTCACTCTCGTGGTGTGATCAGCAGAGCTG  
CGGCTGACGCTGAGACTGATAGAAATCTACATCTCGCTTTGAAGGTGCCTTTCTATCCAGAACTTAA  
GGGATAGTGAAGTTAGTTGATGCTTAAGTTCACGCAGTTTGAAGGAGCCAGCGAGGCCACCTCTGCTC  
GCTGTGATGACTGACTGAGAGTGAACCTTACTCTTTGTGAAGATAAAAAATACATCCTATGTGTTT  
TGCTGCAAGTAGGTCCTGGGCGAGGAGGATGATATCTCCAGATAACAATAGTTGCTAGTCTGTCCACG  
CACAAACGGGCGTCATAACCAAGTTCAGCAGTCAACTGTAAGGACTTGGCTTATACCTGTAGCCTCCGCTG  
CATGCTCCTTCCCTGGGTTGTAGTGTGTTGTTAGTGTTAATACTTGTGTTTGTCTGTTGTAA  
AATATTACACTAAATCTGAAA

**Restriction Sites:** EcoRI-NotI  
**ACCN:** BC064754  
**Insert Size:** 891 bp



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<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="#">BC064754</a> , <a href="#">AAH64754</a>
<b>RefSeq Size:</b>	1460 bp
<b>RefSeq ORF:</b>	891 bp
<b>Locus ID:</b>	73693
<b>Cytogenetics:</b>	16 B5
<b>Gene Summary:</b>	May be involved in the maintenance of active epigenetic status of target genes. May inhibit differentiation of embryonic stem (ES) cells into a primitive ectoderm lineage. [UniProtKB/Swiss-Prot Function]