

## Product datasheet for **MC211803**

### Mpped2 (NM\_001143683) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mpped2 (NM\_001143683) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mpped2  
**Synonyms:** 239Fb; 2700082O15Rik; AV354767; AW060960  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >NM\_001143683.1  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCACATGGGATTCCTTCTCAAGGCAAAGTTACCATAACGGTGGATGAGTATAGCTCAAACCCACCC  
 AGGCATTCACACTACAACATCAACCAGAGCAGATTCAGCCGCCACATGTACATATGGTCGACCCCAT  
 CCCATATGACACTCCAAAACCAGCGGGCCACACGCGGTTTGTCTGCATCTCAGACACACTCCAGAACA  
 GATGGTATCCAGATGCCTTATGGGGACATCCTTCTCCACACAGGCGATTCACCGAGCTGGGACTGCCCT  
 CAGAGGTTAAGAAGTTAATGACTGGTTAGGAAACCTGCCATATGAATATAAAATTTGTGATTGCTGGGAA  
 TCATGAACTGACATTTGATAAGGAATTCATGGCAGACCTCGTTAAACAGGACTACTACCGTTTCCCTTCT  
 GTGTCCAAATTGAAACCAGAGGACTTTGACAATGTTTCAGTCCCTCCTGACAAACAGTATTTACTTGCAAG  
 ATTCAGAGGTAACCGTGAAAGGATTCAGGATATACGGTGCACCCTGGACCCCGTGGTTAATGGATGGGG  
 CTTAACCTACCCAGAGGCCAGTCTCTGCTGGACAAATGGAACCTAATCCCTGAGGGCATCGACATACTC  
 ATGACACACGGACCTCCTCTAGGTTTTCGAGACTGGGTTCAAAGGAACCTCAAAGGGTGGGCTGCGTGG  
 AGCTCTTAAACACAGTCCAGAGGCGCATTCGGCCCAAGCTCCATGTGTTCCGGTGGGATTCACGAAGGTA  
 CGGCATCATGACCGCGGTTACACCACCTACATCAATGCCTCAACCTGTACAGTCAGCTTTCAACCGACC  
 AACCTCCAATCATATTTGACCTTCAAACCCACAGGGCTCCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001143683  
**Insert Size:** 885 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>	<u><a href="#">NM_001143683.1</a></u> , <u><a href="#">NP_001137155.1</a></u>
<b>RefSeq Size:</b>	2662 bp
<b>RefSeq ORF:</b>	885 bp
<b>Locus ID:</b>	77015
<b>UniProt ID:</b>	<u><a href="#">Q9CZJ0</a></u>
<b>Cytogenetics:</b>	2 55.8 cM
<b>Gene Summary:</b>	<p>Displays low metallophosphoesterase activity (in vitro). May play a role in the development of the nervous system.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Variants 1, 2, and 3 all encode the same isoform (a). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>