

## Product datasheet for **MC215436**

### Mrgpra2a (NM\_001172588) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrgpra2a (NM\_001172588) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mrgpra2a  
**Synonyms:** MGC73535  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC215436 representing NM\_001172588  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGGGGAAAGCAATGGTGAAGCATTCTTGCCTTAAGACCTCAGCCTACCAACAGCACCAGTGACAA  
 CAAATCCAATGGACGAAACCTCCCTGGAAGTATCAACATTAGGATTCTGATCCCAAATGATGATCAT  
 CATCTTCGGACTGGTCGGACTGATGGGAAACGCCATTGTGTTCTGGCTCCTGGGCTTCCACTTGCGCAGG  
 AATGCCTTCTCAGTCTACATCCTAAACTTGGCCCTGGCTGACTTCCTTTTCTCCTCAGTAGTATCATAG  
 CTCCACCTGTTTCTTCTCAAAGTTTCTACCTCAGCATCATCTTCACTTGTGCTTTAACACCATTAT  
 AATGGTTGTCTACATCACAGGGATAAGCATGCTCAGTGCCATCAGCACTGAGTGCTGCCTGTCTGCTCCTG  
 TGCCCCACCTGGTATCGCTGCCACCGTCCAGTACATACATCAACTGTCATGTGTGCTGTGATCTGGGTCC  
 TATCCCTGTTGATCTGCATTCTGAATAGCTATTTCTGTGCTGTCTTACATACCAGATATGATAATGACAA  
 TGAGTGTCTGGCAACTAACATCTTACCCTCGTACATGATATTTTGTGTTGGTCCCTGTCTGTGCTG  
 AGCCTGGCTCTGCTGGCCAGTTGTTCTGTGGCCTGGCAGATGAAGCTTACCAGATTCATGTGACCA  
 TCTTGTGACCCTTTGGTTTTTCTCCTCTGCGGTTGCCCTTGTGTCATCTACTGCATCCTGTTATTCAA  
 GATTAAGGATGATTTCCATGTATTAGATGTTAATCTTTATCTAGCATTAGAAGTCTGACTGCTATTAAC  
 AGCTGTGCCAACCCCATCATCTACTTCTCGTGGGCTCTTTCAGACATCGGTTGAAGCACCAGACCTCA  
 AAATGGTTCTCCAGAGTGCAGTGCAGGACTCCTGAGACAGCTGAAAACATGGTAGAGATGTCAAGTAA  
 CAAAGCAGAGCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001172588



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<b>Insert Size:</b>	996 bp
<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_001172588.1</a></u> , <u><a href="#">NP_001166059.1</a></u>
<b>RefSeq Size:</b>	1278 bp
<b>RefSeq ORF:</b>	996 bp
<b>Locus ID:</b>	668727
<b>UniProt ID:</b>	<u><a href="#">Q91WW4</a></u>
<b>Cytogenetics:</b>	7 B3
<b>Gene Summary:</b>	Orphan receptor. May be a receptor for RFamide-family neuropeptides such as NPFF and NPAF, which are analgesic in vivo. May regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss-Prot Function]