

## Product datasheet for MC212967

### Mrgprb4 (NM\_205795) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Mrgprb4 (NM\_205795) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Mrgprb4  
**Synonyms:** MrgB4  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC212967 representing NM\_205795  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGGTACAACCACCTGGCCTGGAACATTAACAACACCGCTGAAAATGGAAGTTACTGAAATGTTCT  
CCTGTATACCAAGTTCAATACCCTGAATTTTCTACTGTCATCATAGCTGTGGTTGGCCTGGCAGGAAA  
CGGCATAGTGCTATGGCTTCTAGCCTTCCACCTGCATAGGAATGCCTTCTGTCTATGCCTCAATCTG  
GCTGGTGCTGATTTCTGTACCTTTTCACTCAAGTTGTGCAATCCCTGGAATGTGTCTTCAAGTTAGATA  
ATAACTCCTTTTATATTCTCCTCATTGTAACAATGTTTGCTTACCTTGCAGGTTTGTGTATGATTGCAGC  
CATCAGTGCTGAACGCTGCCTATCTGTTATGTGGCCTATCTGGTATCACTGCCAAAGACCAAGACACACA  
TCAGCCATCATGTGTGCTCTGGTCTGGGTTTCTCTCTATTGTTGAGCCTCGTGGTAGGGCTAGGCTGTG  
GTTTTCTGTTCAAGTTATTATGATTATTTTCTGTATTACTTTGAATTTTATCACTGCTGCATTTTAAAT  
AGTGTTATCTGTGGTTCTTTCTGTATCTAGCCTGGCCCTGTTGGTGAAGATTGTGTGGGGTGCACACAGG  
ATTCTGTGACCAGGTTCTTTGTGACCATTGCTCTCACAGTGGTGGTCTTCATATACTTTGGCATGCCCT  
TTGGTATCTGCTGGTTCCTTTATCAAGGATTATGGAGTTTGATAGCATTTTCTTTAAACATGTTTATGA  
AATAATAGAATTCTGTCTGTGTTAACAGCTGTGCCAATCCCATCATTTACTTCTTGTGGCTCATT  
AGACAACACAGGTTGCGATGGCAGTCTCTGAAGCTACTTCTTCAAGAGCCATGCAGGACTCCTGAGG  
AAGAGAGTGGAGAGAGGGTCTTCGAAAGGTCTGGGAACTGGAAACAGCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_205795  
**Insert Size:** 966 bp



[View online »](#)

<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_205795.1</a></u> , <u><a href="#">NP_991364.1</a></u>
<b>RefSeq Size:</b>	966 bp
<b>RefSeq ORF:</b>	966 bp
<b>Locus ID:</b>	233230
<b>UniProt ID:</b>	<u><a href="#">Q91ZC0</a></u>
<b>Cytogenetics:</b>	7 B4
<b>Gene Summary:</b>	Orphan receptor. Probably involved in the function of nociceptive neurons. May regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss-Prot Function]