

## Product datasheet for **MC214869**

### Mrgprb3 (NM\_207537) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgprb3 (NM_207537) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mrgprb3
Synonyms:	MrgB3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214869 representing NM_207537 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCTCTAAGAACCTCACTAATAACCACCACAGCACCGGATAAAACCAGCCTTCCAATTTCAATTTGTA  
TCATCAAGTTCCAAGTCATGAATTTGCTTTCCATCACCATTTCCCTGTTGGGATGGTACTGAATATCAT  
AGTGCTGTGGTTCCTGGGCTTCCAGATATGCAGGAATGCCTTCTCTGCCTACATCCTCAACCTGGCTGTG  
GCTGATTTTCTTCTCCTGTGTTCTCATTCTATATTTTCTTTTCTATTGTCTGCAAACCTGCACTATTTTT  
TATTCTACATTAGACAGCTTTTGGATACTGTGACAATGTTTGCTTATGTTTTTGGCTGAGCATTACCAC  
CATCATTAGCATTGAGTGTGCCTGTCTATCATGTGGCCATCTGGTATCACTGCCAACGTTCCAAGACAC  
ACATCAGCTGTCAATTTGTGCTTGTCTTTGGGCTCTATCTCTGCTGTTTCTGCTCTGCAGATGGAAAAAT  
GTAGCGTCCTGTTAATACTTTTGAATATTCTTGGTGTGGGATAATCAATATAATCTCTGGTGCATGGTT  
AGTTGTTTTATTTGTGGTTCCTGTGGGTTTCAGCCTCATCCTGCCTCAGGATCTCCTGTGGATCACAG  
CAGATTCCTGTGACCAGGCTGAATGTAATTTGCACTCAGAGTGCTACTCCTCCTGATCTTTGGTATTC  
CCTTTGGGATCTTCTGGATAGTTGACAAATGGAATGAAGAAAATTTTTCGTTAGAGCTTGTGGTTTTTC  
ACATCATATACTATACTGTATTAACATCTGTGCAATGCTACCATATACTTCTTGTGGCTCC  
ATTAGGCATGGCAAGTTTCAGAAGATGACTCTGAAGCTGATTCTGCAGAGAGCTATACAGGGCACCCCG  
AGGAAGAAGGTGGAGAGAGGGTCTTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja2518\\_b01.zip](https://cdn.origene.com/chromatograms/ja2518_b01.zip)

Restriction Sites: Sgfl-Mlul



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<b>ACCN:</b>	NM_207537
<b>Insert Size:</b>	939 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a></p>
<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="#">NM_207537.1</a> , <a href="#">NP_997420.1</a>
<b>RefSeq Size:</b>	939 bp
<b>RefSeq ORF:</b>	939 bp
<b>Locus ID:</b>	404238
<b>UniProt ID:</b>	<a href="#">Q91ZC1</a>
<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]