

## Product datasheet for RN211193

### Mas1l (NM\_001002281) Rat Untagged Clone

#### Product data:

|                           |                                                                                    |
|---------------------------|------------------------------------------------------------------------------------|
| Product Type:             | Expression Plasmids                                                                |
| Product Name:             | Mas1l (NM_001002281) Rat Untagged Clone                                            |
| Tag:                      | Tag Free                                                                           |
| Symbol:                   | Mas1l                                                                              |
| Synonyms:                 | Mgrb; MrgHGPR90; Mrgprh                                                            |
| Mammalian Cell Selection: | Neomycin                                                                           |
| Vector:                   | pCMV6-Entry (PS100001)                                                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                                                               |
| Fully Sequenced ORF:      | >RN211193 representing NM_001002281<br>Red=Cloning site Blue=ORF Orange=Stop codon |

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGC**C

ATGGAGCCATTGGCAACAACCTTGTGTCCTCAGGAATGCACACAAACCACCAGAAACGAAACCCCAATG  
 AAACCACCTGGTCTTCAGAGCATGTGACTAAATACACGTATATCTCCATCTCCCTGGTCATCTGTTCACT  
 GGGACTGGTTGGGAACGGCCTTTTGATATGGTTCTTGATTTTCTGCATCAAGAGGAAGCCATTACCATC  
 TACATCTACATCTCGCCTTTGCTGACTTCATGGTCCTCTGTTTCATCCATCATTCAGCTAGTGAACA  
 CTTTCCACATTTACGATTCCACCTTAGTGAGCTATGCTGTCCTCTTCATGATTTTCGGCTACAACACGGG  
 CCTGCACCTCCTCACGGCATCAGCGTGGAGCGCTGCCTCTCGGTGCTTTACCCGATCTGGTACCACTGC  
 CGACGCCCGAAACACCACTGTCCTGTGAGCTGTTGTGGGCCCTCTCTGTTCTTGTGCTGGTT  
 TGGAAACTTCTTCTGCATTCTGGAAGTGAAGCCCCAGTTCACAGAAATGCCGATACGTGTACATATTTTC  
 CTGTACCTTGACTTTCTGGTCTTCGTCCTCTCATGGTCTTCTCGAACTTGATACTCTTCATCCAAGTC  
 TGCTGTAACTGAAGCCACGTCAACCAGCCAACTCTATGTGATCATCATGGCCACCGTCATCCTGTTCC  
 TTGTCTTCGCCATGCCCATGAAGGTGTTGCTTATCATTGGCTACTATTCCAATTCACCTGATGCTTCTGT  
 ATGGAAATCTCTCCCTACCTGAACATGCTCTCCACTATAAAATGCAGCATCAACCAATTGTCTACTTT  
 GTGGTAGGCAGTCTGAGGAGGAAGAGGAGTAGGAAGTCCCTAAAAGAAGCACTACAGAAGGTCTTTGAGG  
 AAAAGCCAGTGGTGGCCTCGAGGAGAATGAGGTACAATTCTCCCTGCCCTTA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

|                    |              |
|--------------------|--------------|
| Restriction Sites: | SgfI-MluI    |
| ACCN:              | NM_001002281 |


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|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Insert Size:</b>           | 966 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_001002281.1</a></u> , <u><a href="#">NP_001002281.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>RefSeq Size:</b>           | 966 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>RefSeq ORF:</b>            | 966 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Locus ID:</b>              | 404641                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">Q7TN38</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 1q11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Gene Summary:</b>          | seven transmembrane domain G-protein coupled receptor; most often found in sensory neurons [RGD, Feb 2006]                                                                                                                                                                                                                                                                                                                                                                                                              |