

Product datasheet for **MC207970**

Mrgprg (NM_203492) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrgprg (NM_203492) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrgprg
Synonyms: Gm1098; Mrgg
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207970 representing NM_203492
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGTTCTCCATATTCAACATCTGGGGCACATTCAACAAAGTGCTTTCTTCTCCTCAGCCTCACTGTCAGCC
TTGCAGGGCTGGTGGCAACGCTCTGCTGCTCTGGCACCTCGGTCTGCACATTAAGAAGGGACCCCTCAA
CACCTACCTGCTGCACCTGGCTGCTGCCGATTTCTTCTTCTCATGCCAAGTTGGCTTCTCTATTGCT
ACGATCGTGTCCGGCCATGAGGACACACTCTACTTCCCAGTCACCTTCTGTGGTTTGCCGTGGGGCTCT
GGCTGCTGGCTGCCTCAGTGTGGACTGTTGCCTCGCCTACATGTTCCCTCCTTTTGCAGCCCCAACCG
CCGTCCCAGGTTCACTTCAGTTGTCTCTGCTCGTGTGCTGGGCCCTGACCATGCCGGCCGTGCTGTTG
CCAGCCAACGCCTGTGGGCTGCTAAAAACGGAATGAGTCTGCTGGTCTGCCTCAAGTACCATTGGACCA
GTGTCACCTGGCTAGCGGTACTGTCTGGCATGGCATGTGGGGCAAGCAAGTTTCTTAACTTTGGGAA
CTGCTGCTCTTACAGCCACCCCAAGTTCTGCAAGTTGGCCAGTCTCTGGGATCCTTCTGTTCTTC
TGTCGCCTACCCTGGTTGTCTACTGGTGCCTGCGGCCAGTCTTAAAATTCCTGCTCCCTTCTTCTTTC
CACTGGCCACCCTCCTGGCCTGCATTGACAGCAGTGCAAAAGCCCTCTTGTACTACATGAAGGGCAGGCA
GCTCAGGAAGGACCCACTGCAGGTAGCCCTAAACAGGGCTCTAGGGGAAGAGTCCCAGTCAGGTCTTGGG
GGCTATCCTTGCCCATGCACCAAGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_203492
Insert Size: 870 bp



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OTI Disclaimer:	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).
Components:	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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.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.
RefSeq:	NM_203492.2 , NP_987077.1
RefSeq Size:	1847 bp
RefSeq ORF:	870 bp
Locus ID:	381974
UniProt ID:	Q91ZB5
Cytogenetics:	7 F5
Gene Summary:	Orphan receptor. May regulate nociceptor function and/or development, including the sensation or modulation of pain.[UniProtKB/Swiss-Prot Function]