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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC207970 representing NM_203492
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTCTCCATATTCAACATCTGGGGCACATTCAACAAAGTGCTCTTCTTCCTCAGCCTCACTGTCAGCC
TTGCAGGGCTGGTGGGCAACGCTCTGCTGCTCTGGCACCTCGGTCTGCACATTAAGAAGGGACCCTTCAA
CACCTACCTGCTGCACCTGGCTGCTGCCGATTTCCTCTTCCTCTCATGCCAAGTTGGCTTCTCTATTGCT
ACGATCGTGTCGGGCCATGAGGACACACTCTACTTCCCAGTCACCTTCCTGTGGTTTGCCGTGGGGCTCT
GGCTGCTGGCTGCCTTCAGTGTGGACTGTTGCCTCGCCTACATGTTCCCCTCCTTTTGCAGCCCCAACCG
CCGTCCCAGGTTCACTTCAGTTGTCCTCTGCCTCGTGATCTGGGCCCTGACCATGCCGGCCGTGCTGTTG
CCAGCCAACGCCTGTGGGCTGCTAAAAAACGGAATGAGTCTGCTGGTCTGCCTCAAGTACCATTGGACCA
GTGTCACCTGGCTAGCGGTACTGTCTGGCATGGCATGTGGGGCAAGCAAGTTTCTCTTAATCTTTGGGAA
CTGCTGCTCTTCACAGCCACCCCCCAAGTTCTGCAAGTTGGCCCAGTGCTCTGGGATCCTTCTGTTCTTC
TGTCGCCTACCCCTGGTTGTCTACTGGTGCCTGCGGCCAGTCTTAAAATTCCTGCTCCCCTTCTTCTTTC
CACTGGCCACCCTCCTGGCCTGCATTGACAGCAGTGCAAAGCCCCTCTTGTACTACATGAAGGGCAGGCA
GCTCAGGAAGGACCCACTGCAGGTAGCCCTAAACAGGGCTCTAGGGGAAGAGTCCCAGTCAGGTCTTGGG
GGGCTATCCTTGCCCATGCACCAAGTGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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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:	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]

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