

Product datasheet for MC212968

Mrgprb1 (NM_205810) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrgprb1 (NM_205810) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrgprb1
Synonyms: MrgB1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212968 representing NM_205810
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGAGCAAAGAAGCTGAGATTGCACCACTCCTGAAAATGGACTTAGTCATCCAAGACTGGACCATTAATA
 TTACAGCACTGAAAGAAAGCAATGACAATGGAATATCATTTTGTGAAGTTGTGTCTCGTACCATGACTTT
 TCTTTCCCTCATATTGCCTTAGTTGGGCTGGTTGGAAATGCCACAGTGTATGGTTTCTGGGCTTCCAG
 ATGAGCAGGAATGCCTTCTGTCTACATCCTCAACCTTGCTGGTGTGACTTTGTCTTCATGTGCTTTC
 AAATTGTACATTGTTTTATATTATCTTAGACATCTACTTCATCCCCACTAATTTTTTTTTCATCTTACAC
 TATGGTGTAAACATTGCTTACCTTAGTGGTCTGAGCATCCTCACTGTCATTAGCACTGAACGCTTCCCTA
 TCTGTCTGTGGCCCATCTGGTACCGCTGCCAAGCCCAAGGCACACATCAGCTGTCATATGACTGTGC
 TTTGGTCTTGTCCCTGGTGTGAGCCTCCTGGAAGGAAAGGAATGTGGCTTCTATATTACACTAGTGG
 CCCTGGTTTGTGAAGACATTTGATTTAATCACTACTGCATGGTTAATTGTTTTATTTGTGGTCTCTTG
 GGATCCAGTCTGGCCTTGGTCTTACCATCTTCTGTGGCTTACACAAGGTTCTGTGACCAGGTTGTATG
 TGACCATTGTGTTACAGTGCTTGTCTTCTGATCTTTGGTCTGCCCTATGGGATCTACTGTTCCCTCTT
 AGAGTGGATTAGGAATTCATGATAATAAACCTTGTGGTTTTCGTAACGTGACAATATTTCTGTCTGT
 ATTAACAGCTGTGCCAACCCATCATTTACTTCTTGTGGCTCCATTAGGCACCATCGGTTTCAACGGA
 AGACTCTCAAGCTTCTTCTGCAGAGAGCCATGCAAGACTCTCCTGAGGAGGAAGAATGTGGAGAGATGGG
 TTCCTCAAGAAGACCTAGAGAAATAAAACTGTCTGGAAGGGACTGAGAGCTGCTTTGATCAGGCATAAA
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_205810



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Insert Size:	1053 bp
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:	<u>NM_205810.4</u> , <u>NP_991379.3</u>
RefSeq Size:	4185 bp
RefSeq ORF:	1053 bp
Locus ID:	233231
UniProt ID:	<u>Q3UG61</u>
Cytogenetics:	7 B4
Gene Summary:	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]