

Product datasheet for **MC214871**

Mrgprb8 (NM_207539) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrgprb8 (NM_207539) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrgprb8
Synonyms: MrgB8
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214871 representing NM_207539
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATTCAAGCTTCCCAGACTGGAATATTGAATTCAGAGAACAGAATGAAAGCTACTTCATGGAATCTT
CATCTTGTGACATGTCCCTTGCCATGAGTTTGCTTCCATTATCATTGCCATCATTGGACTGACAGGAAA
TGTGATAGTGTGCTGAGCTTCTGGGCTTCCACATGCACAGGAATGCCTTCTGTCTACATCTTCAACCTG
TCTGGGGCAAACCTCCTCTTCTCTGCACTCACATTGTATTTCCCTGGAAAATCTCATTAGGCAGTTTC
ACTACATCGACATTCACATGGCGTTGTTTTCTGTCAATGTGACCATACTGGCATACTTGCAGGGGTGAG
CATGATCACAGCCATTAGTGTGGAGTACTGGTTGTCTGCTCTTGGCCCACTTGGTATCATGCCAACGC
CCAAAACACATCAACTGTCAATTTGACTCTGCTCTGGGTTTTTCCCTTCTGTTGACCCTTGGAAAT
GGATAATTTGAAAGTGTGGATTATTTATAACTGGGATATGTGTTGGAAACTGCTCTCATCATAGT
TGATGGTTACTTGTATTTATTTGTGGTTCTTTCTAGATCCAATCAAGCCCTGCTGTTCAAGGCTCTTCTGT
GGTTCACAGCAGACACCTGTGACCAGGCTGCTTGTGACCATTATGCTTACAGCACTGGTCGTCTTGATCT
GTGGCTTTGGGATTGGCATAATGCTTCTTTTACTGGAAGAAAGAAGAAATTCAATTATGCCTTGTGGTTA
TTTTTATGAGACAATTCCTACTATCCGGTGTTAACAGCTGTGCAATCCTATCATTGCTTATTTGTT
GGCTCAATTAAGCACTGCCAATTCAGTGTGGACTCTCAGGCTGATTCTTCAAGAGCCATTCAAGAGA
GCCCTGAGGAAGAAGATGAAGAAGTTGAAGAAGTTGTAGAACAAGAAGGAGGTGAAGAAGATGAAGAGAG
TACTACACT**TAG**

ACGGTACGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_207539



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Insert Size:	993 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_207539.2</u> , <u>NP_997422.1</u>
RefSeq Size:	1123 bp
RefSeq ORF:	993 bp
Locus ID:	404240
UniProt ID:	<u>Q7TN51</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]