

Product datasheet for MC214870

Mrgprb5 (NM_207538) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgprb5 (NM_207538) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mrgprb5
Synonyms:	Mrg11; MrgB5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC214870 representing NM_207538 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGTCTAACCCTCCAGCCTGGAACATTAACAACACAGTAGTGAATGGAAGTAACAATACTGAACATT
TCTCCTGTGTGAGCAAGTTCAATACCCTGAACCTTCTTACTGTCATCATTGCCATGTTTGGCCTGGCAGG
AAATGCCATAGTCCTATGGCTTCTAGCCTTCCACCTGCCTAGGAATGCCTTCTGTCTATGTCTGCAAC
TTGGCTTGTGCTGATTTCTTGAACCTTGGCACTCAGATTTAGGTTCCCTGGAATGTTTCTTTCAGTTAA
ATAGGAGACACACTTTTTTCTCACCCTGTTGATTTATGTTTGCTTACCTTGCAGGTTTGTGTATGATTGC
AGCCATCAGTGTTGAGCGCTCTCTATCTGTTATGTGGCCATCTGGTATCACTGCCAAAGACCAAGACAT
ACATCATCCATCATGTGTGCTCTGCTCTGGGCTTCTGCTCTACTGTTGAATTTCTTATTAGGGAAGGCT
GTGGCCTTCTGTTTCAGTGATCCTAAATATTATTCTGTATTACTTGTGCCTTAATCACTACTGCATTAT
AATATTATTAAGTGTGGTTCCTTCTGTGTCCAGCCTGGCCCTGTTGGTCAAGATGATCTGTGGATCACAC
AGGATTCCTGTGACCAGGTTCTATGTGACCATGCTCTCATTGGTGGTCTTCAATTTCTTGGGTCTGC
CCTTTGGGATTTACTCATCTTCTTGTAAATGTTTAAGGAGTTTCAAAGCATTTTCTTACCATGTCCT
TGAAGTGACAATATTCCTGTCTGTGTTAACAGCTGTGCCAATCCCATCATTTACTTTCTTGTGGCTCC
ATTAGGCAGCACAGGTTGCAATGGCAGTCTCTGAAGCTACTTCTCAGAGAGCCATGCAGGACACTCTG
AGGAAGATAGTGGAGAGAGGGTCCCTCACAAGGTCTGGGGAAGTGGAAAGTGT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_207538



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Insert Size:	969 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_207538.1 , NP_997421.1
RefSeq Size:	969 bp
RefSeq ORF:	969 bp
Locus ID:	404239
UniProt ID:	Q91ZB9
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]