

Product datasheet for MC214866

Mrgpra5 (NM_207534) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mrgpra5 (NM_207534) Mouse Untagged Clone
Tag: Tag Free
Symbol: Mrgpra5
Synonyms: MrgA5
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214866 representing NM_207534
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATCATCATATTCAGACTGGTTGGGATGACAGGAAATGCCATTGTGTTCTGGCTCCTGGGCTTCAGCT
 TGCACAGGAATGCCTTCTCAGTCTACATTTTAACTTGGCCCTTGCTGACTTCGTTCTCCTCTGTCA
 CATCATAGATTCCATGCTGCTTCTCTCACTGTTTTCTACCCAAACAATATCTTTCTGGGTACTTTTAC
 ACCATCATGACGGTTCCTACATCGCAGGCCTGAGCATGCTCAGTGCCATCAGCACTGAGCTCTGCCTGT
 CTGTCCCTGTGCCCATCTGGTATCGCTGCCACCACCCAGAACACACATCAACTGTCATGTGTGCTGCGAT
 ATGGGTCTGCCCTGTTGGTCTGCATTCTGAATAGGATTTCTGCAGTTTCTTAGATATCAATTATAAC
 AATGACAAACAGTGTCTGGCATCAAACCTCTTTACTAGAGCATACCTGATGTTTTTGTGGTCTTT
 GTCTGTCCAGCATGGCTCTGCTGGCCAGGTTGTTCTGTGGCACTGGGCAGATGAAGCTTACCAGATTGA
 CGTGACCATCATGCTGACTGTTTTGGGTTTTCTCCTCTGTGGGTTGCCCTTGTCTACTACTTCCCTG
 TTATTTCAATATTAAGGATGGTTTTGTTATTTGATTTTAGATTTTATATGTCAACACATGCTCCTGACTG
 CTATTAACAACGTGCCAACCCATAATTTACTTTTTCGAGGGCTCCTTCAGGCATCAGTTGAAGCACCA
 GACCTCAAATGGTTCTCCAGAGTGTACTGCAGGACACTCCTGAGATAGCTGAAAATATGGTGGAGATG
 TCAAGAAACATACCAAAGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_207534
Insert Size: 864 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:	<u>NM_207534.1</u> , <u>NP_997417.1</u>
RefSeq Size:	864 bp
RefSeq ORF:	864 bp
Locus ID:	404235
UniProt ID:	<u>Q91ZC7</u>
Cytogenetics:	7 B3
Gene Summary:	Orphan receptor. May be a receptor for RFamide-family neuropeptides such as NPFF and NPAF, which are analgesic in vivo. May regulate nociceptor function and/or development, including the sensation or modulation of pain (By similarity).[UniProtKB/Swiss-Prot Function]