

Product datasheet for MC212965

Mrgpra1 (NM_153095) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgpra1 (NM_153095) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mrgpra1
Synonyms:	MrgA1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC212965 representing NM_153095 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGGAAAGCAGCACCTGTGCAGGTTTCTAGCCCTAAACACATCGGCCTCGCCAACAGCACCCACAA
CAACTAATCCAATGGACAATACCATCCCTGGAGGTATCAACATCACGATTCTGATCCAACTTGATGAT
CATCATCTTCGGACTGGTCGGGCTGACAGGAAATGGCATTGTGTTCTGGCTCCTGGGCTTCTGTTTGCAC
AGGAACGCCTTCTCAGTCTACATCCTAACTTAGCTCTAGCTGACTTCTTCTCCTCCTAGGTCACATCA
TAGATTCCATACTGCTTCTCTCAATGTTTTCTACCCAATTACCTTTCTTGTGCTTTTACACGATCAT
GATGGTTCTCTATATCGCAGGCCTGAGCATGCTCAGTGCCATCAGCACTGAGCGCTGCCTGTCTGTACTG
TGCCCCATCTGGTATCACTGTCACCGCCCAGAACACATCAACTGTCATGTGTGCTGTCATCTGGGTCC
TGTCCCTGTTGATCTGCATTCTGAATAGTTATTTCTGCGGTTTCTTAAATACCCAATATAAAAATGAAAA
TGGGTGCTGGCATTGAGCTTCTTACTGCTGCATACCTGATGTTTTTGTGTTGGTCTCTGTCTGTCC
AGCCTGGCTCTGGTGGCCAGGTTGTTCTGTGGTACTGGGCAGATAAAGCTTACCAGATTGTATGTAACCA
TTATTCTGAGCATTGTTGTTTTCTCCTTTGCGGATTGCCCTTTGGCATCCAATGGTTTCTGTTATTCAA
GATTAAGGATGATTTTCATGATTTGATCTTGGATTTTATCTGGCATCAGTTGCTGCTGCTATTAAT
AGCTGTGCAACCCCATCATTTACTTCTTCGTGGGATCCTTCAGGCATCGGTTGAAGCACCAGACCCTCA
AAATGGTTCTCCAGAATGCACTGCAAGACACTCCTGAGACAGCCAAAATCATGGTGGAGATGTCAAGAAG
CAAATCAGAGCCATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2184_a06.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_153095
Insert Size:	996 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_153095.2 , NP_694735.2
RefSeq Size:	1088 bp
RefSeq ORF:	996 bp
Locus ID:	233221
UniProt ID:	Q91WW5
Cytogenetics:	7 B3
Gene Summary:	<p>Orphan receptor activated by a subset of RFamide-family neuropeptides such as FLRF-amide and FMRF-amide. Mediates its action by association with G proteins that activate a phosphatidylinositol-calcium second messenger system. Its effect is mediated by G(q) and G(11) proteins. May regulate the function of nociceptive neurons by modulation of pain perception.[UniProtKB/Swiss-Prot Function]</p>