

Product datasheet for RN211649

Mrgprg (NM_203470) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgprg (NM_203470) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mrgprg
Synonyms:	Mrgg
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211649 representing NM_203470 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCTCCATATTCAATATCTGGGGCACGTTCAACAGAGTGCTCTTCTTCCTCAGCCTCACAGTCAGCC
TTGCAGGGCTGGCGGGCAACACGCTGCTGCTCTGGCACCTCGGTCTGCGCATCAAGAAGGGCCCTTCAA
CACCTACCTGCTGCACCTGGCCGCTGCTGATTTCTCTTCCTCTCCTGCCAAGTTGGCTTCTCTATTGCC
AAGATCGCGTCGGGCTATGAGGACACACTCTACTTCCCGGTACCTTCTCTGGTTTGCTGTAGGGCTCT
GGCTGCTGGCTGCCTTCATTGTGGACTGCTGCCTCTCCTACATGTTCCCTCCTTTGTGGCCCCAACTG
CCGCCCCAGGTACACTTCATTTGTCTCTGCCTCGTGATCTGGGCCCTGACCATGCTGGCGGTGCTGCTG
CCAGCCAATGCCTGTGGCTGCTGTACAATAGAATGAGTCTGCTGGTTTGCTCAAGTACCACTGGGTCA
GCGTTGTCTGGCTAGGGGTGCTTGCTAGCACGGCGTGTGGTGCAAGCATGTTTCTCTTAGTCTTTGGGAA
CTGCTGTTCTTACAGCCACCCTCCAAATTCGCAAGTTGGCCAGTGCTCCGGGATCCTTCTGTCTTCT
TGTCGCTGCCCTGGTTTCTACTGGTGCCTGCGGCCAGTCATAAAATCTTGCTTCCCTTTTCTTCC
CACTGGCCACCCTCCTGGCTGCATTGACAGCAGTGCAAGGCCCTCTTGTAACCTGAAGGGCAGGCA
GCTCAGGAAGGAGCCACTGCAGGTAGCCCTAAACAGGGCTTTAGGGGAAGAGTCTCAGTCAAGTAGTGGG
GGGATATCCCTCCCATGAGCCGAGT**TAA**

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_203470
Insert Size:	870 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:	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_203470.1, NP_982296.1</u>
RefSeq Size:	870 bp
RefSeq ORF:	870 bp
Locus ID:	309133
UniProt ID:	<u>Q7TN39</u>
Cytogenetics:	1q42
Gene Summary:	seven transmembrane domain G-protein coupled receptor; most often found in sensory neurons [RGD, Feb 2006]