

Product datasheet for RN201112

Mrgprx3 (NM_145787) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgprx3 (NM_145787) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mrgprx3
Synonyms:	Mrgg1; MrgA; Mrga10; Mrgpra
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201112 representing NM_145787 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGAAAGCTTCACCGGTACAGGGTTTATAAACCTAAACACCTCAGCCTCGACAATAGCAGTCACAA
CAACAAATCCAATGGACAAAACCATACCTGGAAGTTTCAACAGCAGGACCCTGATCCCAAATTTGTTGAT
CATCATCTCGGGACTGGTCGGGCTGATAGGAAACGCCATGGTGTCTGGCTCCTGGGCTCCGCTTAGCC
AGGAATGCCTTCTCAGTCTACATCCTAACTTGGCCCTGGCTGACTTCCTCTCCTCCTCTGTCACATCA
TAGATTCCAGCTGCTCCTTCTCAAGTTTTCTACCCCAACATTATCTTTCTCCCATGCTTAAACACCGT
CATGATGGTCCCTACATCGCAGGCCTGAGCATGCTCAGTGCCATCAGCACCGAGCGCTGCCTGTCTGTT
GTGTGCCCATCTGGTATCGCTGCCGCCGCCAAAACACACTTCAACTGTGATGCTCTGCGATCTGGG
TCCTGTCACTGTTGATCTGCATTCTGAATAGGTATTTCTGTGGCTTCTTAGATACCAAATACGAAAAGGA
CAACCGGTGTCTGGCATCGAACTTCTTACTGCCCGTGCCTGATATTTTGTGTTAGTCTCTGTCTG
TCCAGTCTGGCTCTGCTGGTCAGATTGTTCTGTGGCGCTGGGCGGATGAAGCTCACAGATTGTACGCGA
CCATCATGCTGACCGTTTTGGTTTTCTCCTCTGCGGGTTGCCCTTGGCATCCACTGGTTCCTGTTAAT
CTGGATTAAGATTGATTATGGTAAATTTGCTTACGGTCTTTACCTGGCGCACTCGTCTGACTGCTGTT
AACAGCTGTGCCAACCCATCATTACTTCTTCGTGGGCTCCTCAGGCATCAGAAGCACAGACCCTCA
AAATGGTTCTCCAGAGGCGCTGCAGGACACCCCTGAGACAGCGGAAAACACGGTGGAGATGTCAAGCAG
CAAGGTGGAGCCGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_145787
Insert Size:	996 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_145787.2</u> , <u>NP_665730.2</u>
RefSeq Size:	1313 bp
RefSeq ORF:	996 bp
Locus ID:	252960
UniProt ID:	<u>Q7TN49</u>
Cytogenetics:	1q22
Gene Summary:	seven transmembrane domain G-protein coupled receptor; most often found in sensory neurons [RGD, Feb 2006]