

Product datasheet for RN203454

Mrgprx1 (NM_172158) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mrgprx1 (NM_172158) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mrgprx1
Synonyms:	Mrgg2; Mrgprc11; Snsr1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203454 representing NM_172158 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTTTGTGTTCTCAGGGACACTACTGGAAGATTTGTGAGCATGGATCCAACCATCTCATCCCTCAGTA
CAGAATCTACAACACTGAATAAACTGGTCATCCAGTTGCAGGCCAATCCTCACCTGTCCTTCTGGT
CCCCATCATCACCTGCTGGATTGGCAGGAAACACCATTTGACTCTGGCTTTGGGATCCGCATGCGC
AGGAAAGCCATCTCAGTCTACGTCCTCAACCTGTCTCTGGCAGACTCCTTCTCCTCTGCTGCCATTTA
TTGACTCTCTGATGCGGATCATGAACTTCTATGGCATCTATGCCATAAATTAAGCAAAGAAATCTTAGG
CAATGCAGCAATCATTCCCTATATCTCAGGCCTGAGCATCCTCAGTGCTATCAGCACGGAGCGCTGCCTG
TCTGTATTGTGGCCAATCTGGTACCCTGCCACCGCCCAAGAAACATGTCAGCTATTATATGTGTTCTAA
TCTGGGTTCTGTCCTTTCTCATGGGCATCCTTGACTGGTCTTCTCAGGATTCCTGGGTGAGACTCACCA
TCATTTGTGAAAAATGTTGACTTTATTGTAATGCATTTCTGATTTTTTTATTTATGCTTCTTTGGG
TCCAGTCTGGCGCTACTGGTGAGGATCCTCTGTGGTCCAGACGGAAACCACTGTCCAGGCTGTACGTTA
CAATCTCTCTCACAGTGATGGTCTACCTCATCTGCGGCCTGCCTCTCGGGCTTTACTTGTCTCTGTATA
TTGGTTTGGGATCCATTTACATTATCCCTTTTGTACATTTACCAAGTTACTGTCTCCTGTCTGTGTG
AACAGCTCTGCCAACCCATCATTACTTCCTTGTAGGGTCTTTAGGCACCGTAAAAAGCATCGGTCCC
TCAAATGGTTCTTAAGAGGGCTCTGGAGGAGACTCCTGAGGAGGATGAATATACAGACAGCCATGTTCA
GAAACCCACTGAGATCTCAGAAAGGAGATGTTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1553_e10.zip



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_172158
Insert Size:	1014 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_172158.2</u> , <u>NP_750845.2</u>
RefSeq Size:	1014 bp
RefSeq ORF:	1014 bp
Locus ID:	282547
UniProt ID:	<u>Q8R4G1</u>
Cytogenetics:	1q22
Gene Summary:	G-protein coupled receptor; may be involved in regulation of sensory neurons [RGD, Feb 2006]