

Product datasheet for **RN209455**

Mrgprf (NM_153722) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: Mrgprf

Synonyms: MrgF

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >RN209455 representing NM_153722
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTCGGATACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCTGGAACTGCTCATGGGAAGCTCACTCCACCAACCAGAACAAGATGTGTCTGGTATGAGCGAGG
CTCTGGAACTCTACAGCAGAGGCTTCTGACCATTGAACAGATTGCCACACTCCCTCCACCAGCCGTCAC
AAACTACATCTTCTGCTGCTTTGCCTGTGTGGCTGGTGGAAACGGGCTGGTCTCTGGTTTTTTGGC
TTCTCCATCAAGAGGACCCCTTCTCCATCTACTTCTGCACCTGGCCAGCGCTGATGGGATATACCTCT
TCAGCAAGGCCGTGATTGCTCTCCTGAACATGGGGACCTTCTGGGCTCCTTCCCGACTACGTTTCAAG
AGTGTCCCGGATCGTGGGTCTCTGCACATTCTTCGCCGGTGTGAGCCTCCTTCGGCCATTAGCATCGAA
CGCTGTGTGTCGTCATCTTTCCCATGTGGTACTGGCGTCGGAGGCCCAAGCGCCTGTCCGCTGGGGTCT
GTGCTTGCTCTGGCTGCTGCTTCTGCTCACCAGTATCCACAATACTTCTGTATGTTCTGGGCCA
TGAGGCCTCTGGAACAGCCTGCCTCAACATGGACATCTCCCTGGGCATCTTGCTTTTCTTCTCTTCTGC
CCTCATGCTACTCCCTGCCTGGCACTCATCTTGATGTAGAGTGCCGAGCCCGGCCGCCAACCGCT
CTGCCAAGCTCAATCACGTGGTCTGGCCATCGTCTGTCTTCTCGTGTATCCATTTATTTGGGGAT
CGACTGGTTCCTCTTGGGTCTTCCAGATCCCGGCCCTTCCCGAGTACGTCACTGACTTATGTATC
TGCATCAACAGCAGTGCCAAGCCATTGTCTACTTCTGGCTGGGAGAGACAAGTCCAGCGCCTGTGGG
AACCTCTCAGGGTGGTCTTCCAGCGGCCCTCCGAGATGGTGCCGAGCCAGGGGACGCTGCTAGCAGCAC
ACCAACACGGTCACCATGGAGATGCAGTGCCCTCTGGGAACGCATCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_153722
Insert Size:	1032 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_153722.2 , NP_714944.1
RefSeq Size:	2071 bp
RefSeq ORF:	1032 bp
Locus ID:	266762
UniProt ID:	P23749
Cytogenetics:	1q42
Gene Summary:	seven transmembrane domain G-protein coupled receptor; most often found in sensory neurons [RGD, Feb 2006]