

Product datasheet for MC215703

Qrfpr (NM_198192) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qrfpr (NM_198192) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Qrfpr
Synonyms:	AQ27; Gpr103; SP9155
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC215703 representing NM_198192 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCAGGCGCTCAACATCACCGGAGCAGTTTTCCCGGCTGCTGAGCGCGCACAACTGACTCGGGAAC
AGTTCATTCATCGCTATGGGCTGCGACCGCTGGTCTACACTCCGGAGCTGCCCGCGCGCTAAACTGGC
CTTTGCGCTGGCTGGAGCACTCATTTTTGCCCTGGCGCTTTTGGCAACTCTCTGGTCATCTATGTGGT
ACCCGCAGCAAGGCCATGCGCACCGTCACCAACATCTTCATCTGCTCTCTGGCACTCAGTGATCTGCTCA
TTGCCCTTCTTCTGCATCCCCGTCACGATGCTCCAGAACATCTCCGACAAGTGGCTGGGTGGTGCCTTCAT
CTGCAAGATGGTGCCTTCGTCACGTCCTGCTGTTGTGACGGAAATCCTCACCATGACTTGCATCGCT
GTTGAGAGGCACCAAGGACTCATCCATCCTTTAAAATGAAGTGGCAGTACACTACCCGAAGGGCTTTCA
CAATCTTGGGTGGTCTGGTTGGCAGCCATCATCGTAGGATCACCCATGTGGCACGTACAACGCCTCGA
GATTAAGTATGACTTCCTCTATGAGAAAGAATGTCTGCTGTTGGAAGAGTGGCCAGCCCCATGCAC
CAGAGAATCTACACCACCTTCCTCGTCATCCTCTTCTCCTGCCGCTTGTGGTGATGCTTGTCTCT
ACAGCAAGATTGGCTATGAACTGTGGATCAAGAAGAGAGTTGGAGACAGTTCAGCACTTCAGACTTCCA
CGGAAAGAAATGTCCAAATAGCCAGGAAGAAGCGGGCTGTCGTTATGATGGTGACAGTGGTGGCT
CTCTTCTGCTGCGTGGGCACCTTTCCATGTTGTTTACATGATGGTTGAGTACAGTAACCTTTGAAAAAG
AGTATGATGATGTCAAAATCAAGATGGTTTTGCTGTTGCACAAACAATTGGCTTTTTCACTCCATCTG
TAATCCCTTTGTGATGCATTTATGAATGAAAACCTTCAAAAAGAATTTTTGTCTGCGGTTTGTATTGC
ATAGTAAGAGAAACCTTCTCCCCAGGACAGAAGCCTGGAATTTCTGGGATTTCAATGATGCAAAAGAGAG
CAAAGTTATCACGATCACAGCGTCCAGTGGCGGAAGCCAAAGGAGACTTATTCAGCGATGCCAACGTTGA
TGTCAAATTGTGTGAGCAGCCAGGGGAGAAAAGGCAACTCAAGCGACAGCTTGCTTCTTTAGTTCTGAA
CTTTCTGAAAACCTACTTTTCGGCAGTGGACATGAACTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_198192
Insert Size:	1302 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_198192.2</u> , <u>NP_937835.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	1302 bp
Locus ID:	229214
UniProt ID:	<u>P83861</u>
Cytogenetics:	3 B
Gene Summary:	Receptor for the orexigenic neuropeptide QRFP. The activity of this receptor is mediated by G proteins that modulate adenylate cyclase activity and intracellular calcium levels (By similarity).[UniProtKB/Swiss-Prot Function]