

Product datasheet for MC207900

Qrfp (NM_183424) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qrfp (NM_183424) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Qrfp
Synonyms:	P51; P518; QR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207900 representing NM_183424 Red=Cloning site Blue=ORF

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAGGGGCTTCCGGCCTTTGCTTTCCTACTTCTCCCTCTGAGTGCCTGCTTCCCTGCTGGACAGAA
 GGGGACCCACAGACATCGGTGACATCGGAGCCAGGATGAGCTGGGCCAGCTGGCTGAGGGACACCCCC
 CAACTCGGTTCAAATCCACAGCCACAGGCCCTGCTTGTGGTGGCCAAGGAGCAGCAGGCCTCCACAGG
 GAGCACACCGGCTTCGTCTAGGGAGGCAAGACGGTAGCAGTGAAGCCGAGGGTTCCTGCCCGCCGACT
 CGGAGAAGGCCAGCGGCCCTCTGGGACTCTGGCAGAGGAGCTGAGCAGCTACAGCCGAGGAAGGGAGG
 CTTGAGCTTCGCTTTGGACGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_183424
Insert Size:	375 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).


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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC094274 , AAH94274
RefSeq Size:	889 bp
RefSeq ORF:	375 bp
Locus ID:	227717
UniProt ID:	Q8CE23
Cytogenetics:	2 B
Gene Summary:	This gene encodes a preproprotein that is proteolytically processed to generate multiple protein products. The encoded products are members of the RFamide family of neuropeptides, characterized by their common protein C-terminus consisting of an arginine (R) and an amidated phenylalanine (F). These products include the neuropeptides QRFP-26 (26RFa) and the N-terminally extended form, QRFP-43 (43RFa). Both of these neuropeptides bind to the pyroglutamylated RFamide peptide receptor (QRFPR) and may regulate blood pressure, reproduction and food intake. [provided by RefSeq, Sep 2015]