

Product datasheet for **MC214688**

Npw (NM_001099664) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Npw (NM_001099664) Mouse Untagged Clone
Tag: Tag Free
Symbol: Npw
Synonyms: Gm935
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214688 representing NM_001099664
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

CTGGCGTCTAACAGAGAAGTGGGGCCCTGGGCCGGGACTCCCAGGAACCGGCCCTGCTGCCCTGC
TGCTGCTTCTGCTTTGCTACCGCTGCCGCCAGCGCTGGTATAAGCACGTGGCGAGTCCCGCTATCA
CACAGTGGGTCTGCCTCCGGGCTGCTCATGGGCTGCGCGCTCGCCCTACCAGTGGCGCGTGCCTG
GGCGGGGCTGCTGGACCCCTCTCCCGGCTCCCAGGACCGTCCGCCGCGGCGCTCTCCTGCTCCTTCT
CAGGGCAGGAGCTGTGGGAGTACGAAGCAGGAGCTCACCTGCAGGGCTCCCGTCCATGCACCCTGGAG
TCCGCGGGACCTGGAGGGAGTCCGCCAACCGGAGCAGTCGCTAAGCCTTCACTCCTGGATCTCAGAGGAG
CCCCTGCTAGAGCCTTCGGAGAGACGCTTCGTGCCAGCCATGGTTCCTGCAGCAAGTCATCTTTGCC
ATCCTGTCAGGCCCAAGAACCGATGGCGCCCCATGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001099664
Insert Size: 531 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.
RefSeq:	<u>NM_001099664.1, NP_001093134.1</u>
RefSeq Size:	606 bp
RefSeq ORF:	531 bp
Locus ID:	381073
Cytogenetics:	17 A3.3
Gene Summary:	Orthologs of this gene express a preproprotein that is processed into a neuropeptide ligand for two G-protein coupled receptors in the central nervous system. The neuropeptide is thought to directly or indirectly regulate feeding, weight regulation, and pain response. The preproprotein is translated using a non-AUG initiation codon. [provided by RefSeq, Jul 2008]