

Product datasheet for MC212780

Npbwr1 (NM_010342) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Npbwr1 (NM_010342) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Npbwr1
 Synonyms: Gpr7; Nbpwr1
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >MC212780 representing NM_010342
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCATAACTTAACGCTTTTCGAGTCTGGAGGGGACAACGTGTCTTGGCGGGCTCATCTTTGGGCTGTC
 CCAACGGGTCCAGCCTGGCTCCTCTGCCGTGCCGACCCACTGGCGGTAGCAGTGCCTGTCGTCTACGG
 GGTAATTTGCGCCGTGGGACTGGCTGGCAACTCTGCGGTGCTGTACGTACTGCTGCGCACGCCGCGCATG
 AAGACTGTCAACAACGTGTTTCATCCTCAACCTGGCTATCGCCGATGAGCTTTCACCTCGTGTGCCCA
 TCAACATCGCGGACTTCTGCTGAGGCGCTGGCCCTTCGGGGAGGTATGTGCAAGCTCATTGTAGCCGT
 CGACCAGTACAACACTTTCTCTAGCCTCTACTTCTCGCCGTATGAGCGCCGACCGATACCTGGTGGTT
 CTGGCCACAGCAGAGTCGCGCCGGGTGTCCGGGCGCACTACGGTGCAGCGCGTGTGTCAGTCTGGCGG
 TGTGGGCGCTGGTGACGCTGGTGTGCTGCCCTTTCGGTATTCGCTCGGCTGGACGAGGAGCAGGGTGC
 GCGCCAGTGCCTGCTGGTCTTCCCGCAGCCGAGGCCCTTCTGGTGGCGTCCAGCCGTCTCTACACACTA
 GTATTGGGCTTTGCCATCCCGGTGACCACCATCTGTGCTCTATACCACTCTGCTCTGCCGACTGCGTG
 CTATCCAGCTAGATAGCCACGCCAAGGCCCTGGATCGTGCCAAGAAGCGCGTGACCTTGTGGTGGCGGC
 GATTCTGGCTGTGTGCCTCCTCTGCTGGACGCCTTATCACCTGAGTACCATAGTGGCCCTACCACCGAC
 CTCCCGAAACGCCGCTGGTTCATCGGCATCTTACTTTCATCACCAAGCCTGAGCTATGCTAACAGCTGCC
 TCAACCTTTCTCTATGCCTTCTGGACGACAGCTTCCGCAGAAGCCTCCGGCAATTGGTGTATGCCG
 TTCAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_010342



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Insert Size:	990 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:	NM_010342.1 , NP_034472.1
RefSeq Size:	3692 bp
RefSeq ORF:	990 bp
Locus ID:	226304
UniProt ID:	P49681
Cytogenetics:	1 A1
Gene Summary:	Interacts specifically with a number of opioid ligands. Receptor for neuropeptides B and W, which may be involved in neuroendocrine system regulation, food intake and the organization of other signals (By similarity).[UniProtKB/Swiss-Prot Function]