

## Product datasheet for **MC212516**

### **Npb (NM\_153288) Mouse Untagged Clone**

#### Product data:

Product Type: Expression Plasmids

Product Name: Npb (NM\_153288) Mouse Untagged Clone

Tag: Tag Free

Symbol: Npb

Mammalian Cell Selection: Neomycin

Vector: pCMV6-Entry (PS100001)

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

Fully Sequenced ORF: >MC212516 representing NM\_153288  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCCCGGTGTAGGACGCTGGTGGCCGCTGCCCTGGCGCTGCTCCTGCCGCCAGCCCTCGCGTGGTACA  
AGCCCGCGGGCGGGACCCACCACTACTCGGTGGCCGCGCCTCGGGGCTACTGTCGAGTTCCACAGGTT  
CCCGTCCACGCGACGCTCCGAGTCTCCAGCACTCCGGGTGGGAACCGGACCTCTGCGCAATTTAGAGATG  
CGCCCCAGCGTAAGGAGCCTTGCCCTGTGTGTCAAAGATGTGACCCCGAACCTGCAGAGCTGCCAGCGGC  
AACTCAACAGCCGAGGGACTTTCCAGTGTAAAGCGGACGTCTTCTGTCGCTGCACGAGACTGATTGCCA  
GAGCACCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_153288

Insert Size: 360 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).



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**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\\_153288.3](#), [NP\\_695020.1](#)

**RefSeq Size:** 549 bp

**RefSeq ORF:** 360 bp

**Locus ID:** 208990

**UniProt ID:** [Q8K4P1](#)

**Cytogenetics:** 11 E2

**Gene Summary:** Has an effect in food intake, on locomotor activity and has an analgesic effect, (in vivo pharmacological studies). May be involved in the regulation of neuroendocrine system, memory and learning (By similarity).[UniProtKB/Swiss-Prot Function]