

## Product datasheet for **MC216838**

### **Mpnd (NM\_026530) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mpnd (NM_026530) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpnd
Synonyms:	E130307M08Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC216838 representing NM\_026530  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGGCAGCTCCCGAGTCTGTCTCCCGGGCCACGGCCGAGGAGCGCCGGAGGAGGATGAGGACGACG  
 CGGAGGCCGAGGACCCGAGCGCGGACGGGTAGCGGAGGGCGCAGCGGCAGCCTCGGTGGCAGCGGAGG  
 CGGCACGGCAGGGCCTGGGATGGCCCTAGGGGGCGCGCTCACGAGGCGCGCGGTACGCTTCGGGTGCTG  
 CTCAAAGACGAGCTGCTGGAGCCCGGTGAGGGGGTGTATCCATCTACTACCTGGGCAGGAAGTTTACTG  
 GGGACCTGCAGCTGGATGGCAGGATCGTGTGGCAGGAACTGGACAAGTCTTCAACTCACCCAGCGCCTG  
 GGCCACACACTGCAAGAAGCTCGTCAACCCAGCCAAGAAATCTGGCTGTGGCTGGGCCTCTGTCAAGTAC  
 AAGGGCCAGAAGCTGGACAAATAACAAGGCCGCTGGCTTCGCCGGCACCAGCTACATATGCCTGTAGCTA  
 CGGCCGATGAGAGTCCCACAGTGAAGGGGAGGAGGAAGAAGTGTGTTGGAGGAGGAGGAAGAAGATGT  
 GCTGGCTGGGGTCTCATCAGAGGACAAAGGCCACAGACCCCTGGGAAGGGTTCTTGGAGCCAGAGGCC  
 ACACCCCAAGGAAGCGTATGGACAAGGTGCCAGTGCCATCCGTTACTGCATGTGGGCAGCCGAGACT  
 CCGCCAGGAACCCCCACACTCTGGTAGAAGTAACATCCTTTGCTGCCATCAACAAGTTCAGCCATTCAA  
 CGTGGCCGTTTCCAGTAATGTGCTGTTCTCTTGGACTTCCACTGTACCTGACTCGGAGTGAGGTGCTG  
 GGCTACCTTGGTGGTGGTGGGACATCAACAATCAGATGCTGACCGTGTGAGAGCCTTCCCCTGCAGGA  
 GTCGGCTGGGGGACACTGATACTGCAGCCACGGTTGAGGAGGAGATCTACCAGGTCTGTCTTCCGAGG  
 CCTGTCCCTGGTGGGCTGGTACCACAGCCACCCACACAGCCCTGCAGTACCCTCCTTGCAGGACATTGAC  
 GCACAGATGGAGTACCAGTTGAGACTGCAAGGCTCCAGCAATGGCTTCCAGCCCTGCCTGGCCCTGCTGT  
 GCTCCCCCTACTACTCTGGCAACCCAGGCCCTGAGTCCAAGATCTGCCCTTCTGGGTGATGCCTCCCCC  
 TGAGCAAAGGCCAGTGACTATGGAATCCCATGGACGTAGAGATGGCGTATGTCCAAGATAGCTTCTTG  
 ACCAACGATGTTCTTCCAGGAGATGGTGTGCTGGCTGAGTTCTACAAGGGTGCCCTGACCTGGTGAAGT  
 TCCAAGAGGCTGGAGCCAGAGCATACCTACCTGGACAACTCAAGATGTCTTGGCCAGCAGGACCC  
 GAAGGACCAGGCATGTGCCACGTGCTGGAGCAGGTCTGCAGTGTCTCAAGCAGGGGAGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-MluI

**ACCN:** NM\_026530

**Insert Size:** 1464 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:**

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\\_026530.5](#), [NP\\_080806.4](#)  
RefSeq Size: 1701 bp  
RefSeq ORF: 1464 bp  
Locus ID: 68047  
UniProt ID: [Q3TV65](#)  
Cytogenetics: 17 D  
Gene Summary: Probable protease.[UniProtKB/Swiss-Prot Function]