

## Product datasheet for **MC217043**

### Mmp28 (NM\_172797) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp28 (NM_172797) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mmp28
Synonyms:	D130023P12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC217043 representing NM\_172797  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGTGGCTGGCGTGAGTCTCCTGCTGCGCGCCCTGCCGCTGCTGCTGTGGGGCTGCCAGGACGCACAGC  
CCACCCAGCACGGACTCCCGGAGCTGCGCCAGGAGGCAGAGGCATTCTGGAGAAGTATGGATACCTCAG  
TGAGCAGGGCTCCAAAGCCCCAGCCTCCGCACAGTTCAGGAACGCCATCAGAGAGTTCCAGTGGATATCC  
CAGCTGCCCTCAGTGGTGTGCTGGACCAGGCCACACTGCGCCAGATGACCCGCCACGCTGTGGGGTTG  
CGGATACTGACAGTATGCCACTTGGACAGAGAGGATCAGTACCCTGCTTGTGGACACCGAGCCAAAAT  
GAGGCGTAAGAAACGCTTTGCAAAGCCAGGTAACAAATGGTACAAGCAGCATCTTCTACCGCCTGGT  
AACTGGCCTGAGCGCTGCCGAGCCAGCTGTTGAGGGGCGTGCAGCTGCCTCCAGCTGTGGAGTA  
ATGTGTCAGCACTGGAGTCTGGGAAGCCCCAGCCACGGGCCCTGCCGACATCCGCCTCACCTTCTTCCA  
AGGAGACCACAATGATGGCTGGCCAACGCCTTCGATGGCCAGGGGGTGCCTGGCACACGCCTTCTG  
CCCCGGCGGGGCGAAGCGCATTTGACGGAGACGAGCGCTGGTCTCTGAGCCGCCCGTGGGCGCAACT  
TGTTCTGGTGTGGCGCACGAAATCGGCCACACGCTCGGTCTCACGCACTCGCCCGCGCCACGGGCGCT  
TATGGCGCCCTACTACAAGAAGCTGGGCGCGACGCCTTGTCTCAGCTGGGACGATGTGCTGGCGGTGCAG  
AGCCTGTACGGAAGCCTCTGGGACGCTCAGTAGCCACCAACTCCCCGAAAGGTGTTCACTGACTTTG  
AGGCCTGGGACCCCACTCCAGAGCAGACGCCCGGAAACCAGAGGTCTAAATACTGCCACTCTTC  
CTTTGATGCCATCACTGTAGAGCCTCGTCCACTACAGAAAAGATGGCCAGGACTGCCACCTGGTATTGAG  
GCTGCTGCAGTGTCTTTGGAAGATGGAGACTTCTACTTCTTAAAGGGAATCGTTGTTGGAGTTCAGG  
GCACGAAGTCCGTGTGGGGTTTCGACAGCTCTGCCGGCAGGTGGTCTACCCCGACACCCGGAGCAGC  
TCTCTTCTTCCCGCCTCTGCGCCGCTAGTCTCTTCAAGGGTTCCCGCTACTAGTGCTAGCTCAAGGA  
GGGATGCAAGTGGAGCCCTACTATCCCGCAGCCTGCGAGACTGGGCCGGTGTCCCGAGGAGGTACGCG  
GCGCCCTGCCAAGGCCGGATGGCTCCATTATCTTCTTTCAGAGATGACCACTATTGGCATTGGATCAAGC  
CAAAGTGCAGGAGTACCAGCTCCGGTCTGGGCTACCGAGCTGTCTGGATGGGCTGTTGGAATGCCAAC  
TCAGGAGGTGCCCTGTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul

**ACCN:** NM\_172797

**Insert Size:** 1491 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\\_172797.3](#), [NP\\_766385.1](#)

**RefSeq Size:** 3456 bp

**RefSeq ORF:** 1491 bp

**Locus ID:** 118453

**Cytogenetics:** 11 C