

Product datasheet for **RN213735**

Mmp28 (NM_001079888) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mmp28 (NM_001079888) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mmp28
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN213735 representing NM_001079888
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTGACTGGCTTGAGCCTCTGCTGCGCGTCTGCCGCTACTGCTGTGGGGCTGCCAGGACGCACAGC
 CCACCCCGCGCGACACCCGGAGCTACACCAGGAGGCAGAGGCATTCTGGAGAAGTATGGATACCTCAG
 TGAGCAGGGTTCCAAAGTTCCAGCCTCCACTCAGTTCAGTGACGCCATCCGAGAGTTCCAGTGGGTATCC
 CAGCTGCCATCAGCGGTGTGCTGGACCGGGCCACACTGCGTCAGATGACACGCCACGCTGTGGGGTCCG
 CAGATACCGACAGTCACGAACTTGACAGAGAGGATCCGTGCCCTGCTTGTGGACACCGCGCCAAAAT
 GAGGCGTAAGAAACGCTTTGCAAAGCCAGGTCACAAATGGTACAAGCAGCATCTTCTACCGCCTGGTG
 AACTGGCCCAAGAGCCTGCCTGAGCCAGCTGTGCGAGGGGCTGTCCGTGCCGCTCCAGCTATGGAGTA
 ATGTGTCAGCGCTGGAGTCTGGGAGGCCCCAGCCACAGGCCCTGCTGACATCCGCTCACCTTCTTCCA
 AGGAGACCACAATGATGGGCTGGCAACGCCTTCGATGGCCAGGGGGCGCCCTGGCGCAGCCTTCTCTG
 CCCCGCCGAGGCCAAGCGCATTTGACCAAGACGAGCGTTGGTCTCTGATCGCCGCCGTGGGCGCAACC
 TGTTCTGGTGTGGCTCACGAGATCGGCCACACGCTCGGTCTCACGCACTCGCCCGCGCCACGTGCGCT
 CATGGCGCCCTACTACAAGAAGCTGGGCGGTGACGCTTGTCTCAGCTGGGACGATGTGCTGGCGGTGCG
 AACCTGTACGAAAGCCCTAGGACGCTCAGTAGCCACCAACTCCCTGGAAAGATTAATCACTGACTTTG
 AAGCCTGGGACCCCACTCTCAGAGCAGACGCCCGGAAACCAGAGGACCTAAATACTGCCACTCTTC
 CTTTGTGCCATCACTGTAGATGGGCAATGGCGACTGTACGTCTTCAAAGGGAGCCACTTCTGGGAAATC
 ACAGCTGATGGCAATGTTTCAGAGCCTCATCCACTACAGAAAAGATGGCCGGGACTGCCCTCTAGTATTG
 AGGCTGCTGCAGTGTCTCTGGAAGATGGAGACTTCTTCTTCAAAGGGAATCGCTGTTGGAGGTCCA
 AGGCACGAAGTCCGTGTTTCGCACAGCTCTGCCGGCAGGTGGTCTGCCCGACACCCAGACGACGCTCTC
 TTCTTCCCGCCTCTGCGCCGCTAGTCCTTCAAGGGTTCCTGCTACTACGTGCTGGCTCGAGGAGGGA
 TGCAAGTGGAGCCCTACTATCCCGCAGTCTGAGGGACTGGGCTGGGGTCCCTGAGGAGGTGAGCGGCGC
 CTTGCCAAGGCCGACGTTCCATTATCTTCTTTAGAGATGACCACTATTGGCACTTGGATCAAGCCAAA
 CTGCGGGTGACCACTCTGGCCGCTGGCCACCGAGCTGTCTGGATGGGCTGTTGGAATGCCAACTCAG
 GAGGTGCCCTGTTCAAAGGCTCCCGTCACTGAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001079888
- Insert Size:** 1578 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_001079888.1](#), [NP_001073357.1](#)

RefSeq Size: 1578 bp

RefSeq ORF: 1578 bp

Locus ID: 303384

Cytogenetics: 10q26