

Product datasheet for **MC217472**

Prmt3 (NM_133740) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Prmt3 (NM_133740) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Prmt3 |
| Synonyms: | 2010005E20Rik; 2410018A17Rik; AL033309; Hrmt113 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC217472 representing NM_133740
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTTTCGCTAGCGGCCGGGAACGGCCGTGGCGCCGAGCTGGGGCCGGAGCCCCTGGAAGTGTCCGACA
 GCGGAGACGACGCGGGCTGGGAGGACGAGGACGCGGACACTGAGCCCAGCACGGCCGGCAGCACACACC
 CTGCCTGTTCTGTGACAGGTTGTTTCGCCTCTGCTGAGGAAACGTTTTACACTGTAAAGTTGGAGCATCAA
 TTTAATATTGATAGTATGGTCCATAAACATGGACTTGAATTTTATGGATACATAAACTAATAAATTTTA
 TTAGACTTAAGAATCCTACGGTTGAATATGAATTCATATATAACCCTGTGCCTTGGGAAAAAGATGA
 GTACCTGAAGCCAGTGTGGAAGATGACCTTTGCTTCAGTTTGTAGTGTAGAAGATCTTTATGAGCCTGTG
 TCTACTCCATTCTCATACCCCAATGGACTCAGTAAAGCGCATCTGTTGTTGAGAAGTTGAAGCACATGG
 AAGCGCGGGCGTGTCTGCTGAGGCTGCCTTGGCTCGGGCGCGTGAAGATCTGCAGAAGTGAACAATT
 TGCTCAGGACTTTGTGATGAACGTAGATGTCAGAACCTGCTCCTCCACGACGACCATTGCAGACCTGCAG
 GAGGATGAGGATGGCGTCTACTTCAGCTCCTATGGGCATTATGGGATACATGAAGAAATGCTAAAGGACA
 AAGTACGCACAGAAAGTTACAGAGATTTTATATACCAAAATCCACACATCTTCAAAGATAAGGTTGTTCT
 GGATGTTGGGTGTGGAAGTGAATTTCTCTCCATGTTTGCTGCCAAAGTTGGGGCAAAGAAAGTATTGCA
 GTCGACCAGTCTGAAATCCTCTACCAGGCTATGGATATCATAAGACTAAATAAACTTGAAGATACCATTTG
 TACTAATTAAGGAAAGATTGAAGAAGTGAAGTCTTCTGTTGGAAAAGGTGGATGTTATTATATCAGAGTG
 GATGGGCTATTTTCTTTTGGAGTCGATGTTGGATTCTGTCTTTATGCTAAGAGTAAATACTTGGCA
 AAAGGGGGATCGGTCTACCCTGACATTTGCACCATCAGCCTTGTAGCTGTGAGTGTGAGCAAGCAGC
 CCGATAGAATTGCCTTCTGGGATGACGCTATGGCTTCAACATGTCCTGCATGAAGAAAGCAGTTATACC
 GGAAGCTGTTGTGGAAGTTGTGGATCACAAAGACTCTTATTTTCAGACCCTTGTGATATCAAGCACATAGAC
 TGCCACACCACGCTATCTCAGACTTGGAGTTTCTTTCAGATTTTACCCTGAGAACCACAAAGACGGCCA
 TGTGCACGGCAGTTGCTGGTACTTTGATATATTTTGAAGAAGTGGCACAACAGGGTTCGTGTTCTC
 TACTGGCCCCAGAGCACCAAAACACTGGAACAGACAGTATTTCTGCTGGAAAAACCTTTTCCGGTT
 AAAGCAGGTGAAGCTCTGAAAGGAAAGATCACAGTTCACAAGAATAAGAAGGATCCTCGTTCCCTCATTG
 TGACCCTGACTTTGAACAGTTCAACCCAGACTTACAGTCTCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_133740

Insert Size: 1587 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_133740.2](#), [NP_598501.1](#)

RefSeq Size: 2495 bp

RefSeq ORF: 1587 bp

Locus ID: 71974

UniProt ID: [Q922H1](#)

Cytogenetics: 7 B4

Gene Summary: Methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in some proteins.[UniProtKB/Swiss-Prot Function]