

Product datasheet for **MC218436**

Prmt3 (BC050775) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt3 (BC050775) 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: >BC050775
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGTTTCGCTAGCGGCCGGGAACGGCCGTGGCGCCGAGCTGGGGCCGGAGCCCCTGGAAGTGTCCGACA
GCGGAGACGACGCGGGCTGGGAGGACGAGGACGCGGACACTGAGCCCAGCAGCGCCGGCAGCACACACC
CTGCCTGTTCTGTGACAGGTTGTTCCGCTCTGCTGAGGAAACGTTTTACACTGTAAAGTTGGAGCATCAA
TTTAATATTGATAGTATGGTCCATAAACATGGACTTGAATTTTATGGATACATAAACTAATAAATTTTA
TTAGACTTAAGAATCCTACGTTGAATATGAATTCATATATAACCCTGTGCCTTGGGAAAAAGATGA
GTACTGAAGCCAGTGTGGAAGATGACCTTTGCTTCAGTTTGTAGTGTAGAAGATCTTTATGAGCCTGTG
TCTACTCCATTCTCATACCCCAATGGACTCAGTAAAGCGCATCTGTTGTTGAGAAGTTGAAGCACATGG
AAGCGCGGGCGTGTCTGCTGAGGCTGCCTTGGCTCGGGCGCGTGAAGATCTGCAGAAGATGAAACAATT
TGCTCAGGACTTTGTGATGAACGTAGATGTCAGAACCTGCTCCTCCACGACGACCATTGCAGACCTGCAG
GAGGATGAGGATGGCGTCTACTTCAGCTCCTATGGGCATTATGGGATACATGAAGAAATGCTAAAGGACA
AAGTACGCACAGAAAGTTACAGAGATTTATATACCAAAATCCACACATCTTCAAAGATAAGGTTGTTCT
GGATGTTGGGTGTGGAAGTGAATTTCTCTCCATGTTTGCTGCCAAAGTTGGGGCAAAGAAAGTATTGCA
GTCGACCAAGTCTGAAATCCTCTACCAGGCTATGGATATCATAAGACTAAATAAACTTGAAGATACCATTTG
TACTAATTAAGGAAAGATTGAAGAAGTGAAGTCTTCTGTTGGAAAAGGTGGATGTTATTATATCAGAGTG
GATGGGCTATTTCTCTTTTGGAGTCGATGTTGGATTCTGTCTTTATGCTAAGAGTAAATACTTGGCA
AAAGGGGGATCGGTCTACCCTGACATTTGCACCATCAGCCTTGTAGCTGTGAGTGTGAGCAAGCAGC
CCGATAGAATTGCCTTCTGGGATGAGTCTATGGCTTCAACATGCCTGCATGAAGAAAGCAGTTATACC
GGAAGCTGTTGTGGAAGTTGTGGATCACAAGACTTATTTTTCAGACCCTTGTGATATCAAGATGGATGGG
AAGCACATAGACTGCCACACCAGTCTATCTCAGACTTGGAGTTTTCTTTCAGATTTTACCCTGAGAACCA
CAAAGACGGCCATGTGCACGGCAGTTGCTGGTACTTTGATATATATTTTGAAGAAGTGGCACACACAG
GGTCGTGTTCTCTACTGGCCCCAGAGCACAAAACACTGGAAACAGACAGTATTTCTGCTGGAAAAA
CCTTTTCCGGTTAAAGCAGGTGAAGCTCTGAAAGGAAAGATCACAGTTCACAAGAATAAGAAGGATCCTC
GTTCCCTCATTGTGACCCTGACTTTGAACAGTTCAACCCAGACTTACAGTCTCCAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: BC050775

Insert Size: 1599 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: [BC050775](#), [AAH50775](#)

RefSeq Size: 2514 bp

RefSeq ORF: 1598 bp

Locus ID: 71974

Cytogenetics: 7 B4

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