

Product datasheet for **RN202969**

Prmt3 (NM_053557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt3 (NM_053557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prmt3
Synonyms:	Hrmt1I3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN202969 representing NM_053557
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTGTTTCGCTGGCGCGGGGAACGGACAAGGCGCGGAGCTGGGGCCGGAGCCCTTGAGACTGTCGGACA
 GCGGAGACGACGCGGGCTGGGAGGACGAGGACGCGGACGCTGAGCCCGCACAGGGCCGGCAGCACACACC
 CTGCCTGTTCTGTGACAGGCTCTTCAGGCTGCTGAAGAAACGTTTTACACTGTAAAGTTGGAGCATCAA
 TTTAATATTGATGGTATGGTCCACAAACATGGACTGGAATTTTATGGATACATTAATAAATAAATTTTA
 TTAGACTTAAGAATCCTACTGTTGAGTACATGAATCCATATAACAACCCTGTGCCTTGGGATAAAGATGA
 GTACCTGAAGCCAGTGTGGAAGATGATCTTTGCTTCAGTTTGTAGTGAAGATCTTTATGAGCCAGTG
 TCTGCTCCCTTACATACCCCAATGGACTCAGCGAAAACACATCTGCTGTTGAGAAATTAAGCTCATGG
 AGGCCCGGGCGTGTCTGCTGAGGCGGCTCTGGCTCGGGCGCGTGAGGATCTGCAGAAGATGAAACAATT
 TGCTCAGGACTTTGTGATGAACGTAGATGTCAGAACCTGCTCCTCCAGACTACCATTGCAGACCTGCAG
 GAGGACGAGGATGGCGTCTACTTCAGCTCCTATGGGCATTATGGGATACATGAAGAAATGCTAAAGGACA
 AAGTGCACACAGAAAGCTACAGAGATTTTATATACCAAAATCCACACATCTTCAAAGATAAGGTTGTTCT
 GGATGTTGGCTGTGGAATGGAATTTCTCTCCATGTTTGCTGCCAAAGCTGGGGCAAAGAAGGTGATTGCA
 GTTGACCAGTCTGAAATCCTCTACCAGGCTATGGATATCATAAGGCTAAATAAATTGAAGATACCATTG
 TACTAATTAAGGAAAGATCGAAGAAGTGAAGTCTTCTGTGGAAAAGGTGGATGTTATTATATCAGAGTG
 GATGGGCTATTTCTTCTTTTGGAGTCGATGTTGGATTCTGTCTTTATGCCAAGAGCAAATACTTGGCA
 AAAGGGGGATCGGTCTACCCTGACATTTGCACCATCAGCCTTGCGCCGTGAGTGACGTGAGCAAACACG
 CCGATAGAATTGCCTTCTGGGATGACGCTATGGCTTCAACATGCTCCTGCATGAAGAAAGCAGTTATACC
 AGAAGCTGTTGTGGAAGTTGTAGATCACAAAGACTCTCATTTTCAGACCCTTGTGATATCAAGCATATAGAT
 TGCCACACCACATCTATCTCAGACTTGGAGTTTCTTTCAGACTTTACCCTGAGAACCACAAAGACAGCCA
 TGTGCACGGCAGTTGCTGGTACTTTGATATATATTTTGAAGAAGTGTCAACAGGGTTGATTCTC
 TACTGGCCCCAGAGCACAAAACACACTGAAACAGACAATATTTCTTCTGGAAAAGCCTTTTCCCGTT
 AAAGCAGTGAAGCCTTAAAGGAAAGATCACAGTTCACAAGAACAAGAAGGATCCTCGTCCCTCATTG
 TGACCCTGACCTGAACAGTTCAACCCAGACTTACAGTCTCCAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_053557

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_053557.1](#), [NP_446009.1](#)

RefSeq Size: 2474 bp

RefSeq ORF: 1587 bp

Locus ID: 89820

UniProt ID: [O70467](#)

Cytogenetics: 1q22

Gene Summary: catalyzes the asymmetric NG, NG-dimethylation of arginine residues [RGD, Feb 2006]