

Product datasheet for **RN204752**

Prmt1 (NM_024363) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt1 (NM_024363) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prmt1
Synonyms:	Hrmt1l2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN204752 representing NM_024363 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCGGCAGCCGAGGCCGGAAGTGCATCATGGAGGTTTCTGTGGCCAAGCAGAAAGTAGTGAGAAGC
CCAATGCTGAGGACATGACATCCAAAGACTACTACTTTGACTCCTATGCCACTTTGGCACCACGAGGA
GATGCTAAAGGATGAGGTGCGAACCCCTCACGTACCGCAACTCCATGTTTCAACAATCGGCATCTTTCAA
GACAAGGTGGTGCCTGGATGTGGGCTCGGGCACTGGCATCCTCTGCATGTTTCGCTGCCAAGGCAGGGGCC
GCAAGGTCATTGGGATCGAGTGCTCCAGTATCTCTGATTATGCTGTGAAGATTGTCAAAGCCAATAAGTT
AGACCACGTGGTGACCATCATCAAGGGCAAGGTGGAGGAGGTGGAGCTGCCTGTGGAGAAGGTGGACATC
ATCATCAGCGAGTGGATGGGTTATTGCCTCTTCTATGAGTCCATGCTCAACACTGTGCTGACGCTCGTG
ACAAGTGGCTGGCACCTGATGGCCTCATCTTCCAGACCGAGCCACCCTGTATGTGACAGCCATTGAGGA
CCGACAGTATAAAGACTACAAGATCCACTGGTGGGAGAATGTATATGGCTTTGATATGCCTGCATTA
GACGTGGCCATCAAGGAGCCCCGGTGGACGTGGTGGACCCAAAGCAGCTGGTCACCAACGCCTGCCTCA
TAAAGGAGGTGGACATCTACACAGTCAAGTGGAGGACCTGACCTCCCTCCCGTTTTGTCTGCAAGT
GAAGAGGAATGACTATGTGCATGCACTAGTGGCCTACTTCAACATCGAGTTCACCCGATGCCACAAGAGG
ACCGGCTTCTCTACAGTCTGAGTCTCCATACACATTGGAAGCAGACTGTGTTCTACATGGAGGACT
ACCTAACAGTGAAGACCGCGAGGAGATTTTTGGCACTATTGGAATGAGGCCCAACGCCAAAAACAATCG
TGACTTGGACTTTACCATCGACCTGGACTTCAAGGGTCAGCTGTGTGAGCTCTTTGTTCCACCGACTAC
CGGATGCGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_024363



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Insert Size:	1062 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:	<ol style="list-style-type: none">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:	<u>NM_024363.1</u> , <u>NP_077339.1</u>
RefSeq Size:	1201 bp
RefSeq ORF:	1062 bp
Locus ID:	60421
UniProt ID:	<u>Q63009</u>
Cytogenetics:	1q22
Gene Summary:	catalyzes protein methyltransferase modification of arginine residues [RGD, Feb 2006]