

Product datasheet for **RR204752**

Prmt1 (NM_024363) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt1 (NM_024363) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prmt1
Synonyms:	Hrmt1l2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR204752 representing NM_024363 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCAGCCGAGGCCGGAAGTGCATCATGGAGGTTTCTGTGGCCAAGCAGAAAGTAGTGAGAAGC
CCAATGCTGAGGACATGACATCCAAAGACTACTACTTTGACTCCTATGCCACTTTGGCACCACGAGGA
GATGCTAAAGGATGAGGTGCGAACCCCTCACGTACCGCAACTCCATGTTTCACAATCGGCATCTCTCAA
GACAAGGTGGTGCCTGGATGTGGGCTCGGGCACTGGCATCCTCTGCATGTTGCTGCAAGGAGGGGCC
GCAAGGTCAATGGGATCGAGTGCTCCAGTATCTCTGATTATGCTGTGAAGATTGTCAAAGCCAATAAGTT
AGACCAGTGGTGACCATCATCAAGGGCAAGGTGGAGGAGGTGGAGCTGCCTGTGGAGAAGGTGGACATC
ATCATCAGCGAGTGGATGGGTTATTGCCTCTTCTATGAGTCCATGCTCAACACTGTGCTGCACGCTCGTG
ACAAGTGGCTGGCACCTGATGGCCTCATCTTCCCAGACCAGCCACCCTGTATGTGACAGCCATTGAGGA
CCGACAGTATAAAGACTACAAGATCCACTGGTGGGAGAATGTATATGGCTTTGATATGCTCCTGCATTA
GACGTGGCCATCAAGGAGCCCCGGTGGACGTGGTGGACCCAAAGCAGCTGGTCAACAACGCCTGCCTCA
TAAAGGAGGTGGACATCTACACAGTCAAGTGGAGGACCTGACCTCACCTCCCCGTTTTGTCTGCAAGT
GAAGAGGAATGACTATGTGCATGCACTAGTGGCCTACTTCAACATCGAGTTCACCCGATGCCACAAGAGG
ACCGGCTTCTCTACAGTCTGAGTCTCCATACACATTGGAAGCAGACTGTGTTCTACATGGAGGACT
ACCTAACAGTGAAGACCGGCGAGGAGATTTTTGGCACTATTGGAATGAGGCCAACGCCAAAAACAATCG
TGACTTGGACTTTACCATCGACCTGGACTTCAAGGTCAGCTGTGTGAGCTCTCTTGTCCACCGACTAC
CGGATGCGC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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ORF Size:	1059 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_024363.1 , NP_077339.1
RefSeq Size:	1201 bp
RefSeq ORF:	1062 bp
Locus ID:	60421
UniProt ID:	Q63009
Cytogenetics:	1q22
MW:	40.5 kDa
Gene Summary:	catalyzes protein methyltransferase modification of arginine residues [RGD, Feb 2006]