

Product datasheet for **RN217254**

Prmt9 (NM_001191599) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt9 (NM_001191599) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prmt9
Synonyms:	Prmt10; RGD1306157
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN217254 representing NM_001191599
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCAACTCGAGGCCAGGTCCCGCCGAGCGCCGGGGTGGCGCAGGTACGGCCGGCCGGGACCGGC
 TGGTGGCACAGTCTTGACAGCGCTGAGCACTGTCTGGGCGACCAGACTTCGGGACTGCCTACGCCCA
 TTACCTTCTGGTCTCAGCTTGGCGCCAGAAGCTCAAAGAGGACGTGAAGGAACTTTCCAGTATACACTT
 TTCAAGTGGGCTGAAGAGCTTCATGCACTGAATCGAATACAAGACTTACTTGGTTGCTACGAGCAGGCC
 TAGAGCTGTTTCTGATGATGAAGTATTTGCAACAGTATGGGAGAGCATCTGTTGAGAATGGGCTTTCCG
 AGATGAGGCGAGTGGGTATTTTCATAAAGCAGTGAAGCTAAACCCTGATTTCAACGATGCAAAGGAGAAC
 TTCTATCGTGTGGCAAAGTGGTGGTAGAGCGCTGGCACTTCATCATGCTTAATGACACCAAGAGAAATG
 AGATTTATAACCGGCAATCCAGAAGGCAGTCCGGTGGGCTCCAAAACAGTGTGGACATTGGCGCCGG
 CACTGGGATACTGAGCATGTTTCCAAAAAAGCTGGTGCACACTCAGTATACGCCTGTGAGTTATCCAAG
 ACCATGTATGAGCTCGCTTGTGACGTCTGGCTGCAAACAAGATGGAGGATGGGATCAGGCTCCTGCACA
 TGAAGTCACTTGATCTAGAAATACCAAAGCACATTCTGAAAGAGTGTCCCTAGTTGTAACAGAACTGT
 CGATGCAGGTGTGTTGGAGAAGGAATTGTGGAGAGTTAATTCATGCATGGGAGCATTTACTTCTGCAA
 CCACAGACCAAAGGTGAAAGTGGAAAGTTGGGGGAAGTATGGAAAAGTGATACCGGCCAGTCCGGTATAT
 CTGGGATGGCAGTGGAGTGTGCAGAGATCCGAAGGCATCACAGGGTATAGTCTAAGGACATAGCTGGTAT
 ACATTTACCAACAAATGTGAGATTTAGAGCCAGCCTATGCGTCTGTAGATCCCGAAGAAACGGTTGAA
 CCATACACAACGAAAAGATGAGTGGAAATCCCTGGAGGATACCGCCTTTGACAGAATGCTTTCAGATTA
 TGAAGTTGATTTCAATAATCTCCAGGATTAAGAAAGTCTGGCAACTAGGAAGCCACACTCTTTAGTGT
 ACCTGCTGTTAAGGAAGGCACGCTGGACGCGATTATGGTCTGGTTGTTCTCCAGCTTGATGACGAGCAC
 AGTTTGTCCACAAGTCCAGTGGAGAGCCTGTTGGGAACAGGCTGTTTATCCAGTACAGGCACTTGAAG
 ACTACTGGATACAGCCTGGAGACCAAGTACAATGGAGGCATCTTGTACGATTGTTACCTAAGAATCCA
 GGGGATCAGTATCTTGCAATTTGGAACATGAAATGGAAAGTATAAAAAAGTTTACCAAGAGTAAAGACTTG
 CTCTCTCTGGGAAATGAGGCTGAGCTCTGTAGTCCCTGGCTAACCTTCCAGACCAGTACAGCAGAAAGCTC
 TGGAGCAGACCTGTGTGTAGAGCCACAGAGATCGCTTGTCTAATAACATTCCATATCATGAAGGCTT
 CAGGACAGCAATGAGGAAGTATTGTCTTCACTGGCCCCAGAGACGCCGAGCCAGCCATGGAAGCTCAC
 TGTCAGGACATGGAGACGAAGTGGAGAGTGCACCAAGCACCTCTGACCTTTCTATGTGTGGATGTGT
 CTGAAGGCTTCTCTTTTGCCTATACTTGTGGAACCCTTGGTCAAGTTTCCAGCCATACAGTTCTGTGGA
 GAAAGACCAGCACTGTATTGCTTTGGACCTCATATCTGAAGCCAATCACTTCCCTAAGGAAACACTTGAG
 TTTTGGCTGCGACACATAGAAGATGAAGCTGCTGTGTTGCAAAGACCCAAATCAGACAAGTTATGGAGTA
 TAATTACTAGATGTCATTGAGCCGTCTGGGCTCATCCAGCAGGAGATCATGGAGAAGGCCGCAATATC
 CAGGTGTTTACTGCAGTCTGGAGCAAGATTTCCCGCAGTACGTGCTGATGTTTGGAAATGCTGGTGGAG
 TCACAGACGCTGGTAGAAGAGAGTGTGTTCAAGGAACAGAACACTCTGGGTTAAACATAGCACCCGT
 TTATTAACCAAGTTTCAAGTGCCTATCCGGTCTGTTTGGATTTATCTTCCCTGCCATGCATTCTTTAAG
 CCAGCCAGTGGAACTGTTGAGATTAGACTGACTCCATATTTGAACACTTCCAATAGAGAAGTGAAG
 GTCCGTGTGTGACAGTCTGGCCGATTGACCGCGTTCCATTTTGGTTTCATTTGTGCTGGATGACGAGG
 TCAGGTTGGACACCTCAGGTGAAGCGTCCATTGGAAGCAGGCTGCAGTGGTCTAGATAATCCCATCCA
 AGTACAAGCAGGAGAGGAAGTGTACTTAGTGTGAGCATCACAAAAGCAACATCAGCATCACAGTGAAG
 CAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001191599
 Insert Size: 2526 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001191599.1, NP_001178528.1</u>
RefSeq Size:	2742 bp
RefSeq ORF:	2526 bp
Locus ID:	291947
Cytogenetics:	19q11