

## Product datasheet for **RN205792**

### Prmt5 (NM\_001108867) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Prmt5 (NM_001108867) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prmt5
Synonyms:	Hrmt115; Skb1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN205792 representing NM\_001108867  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGCGGCGATGGCAGTCGGAGGTGCTGGTGGCAGCCCGGTGCCAGCGGAGGGACCTGAATTGCGTCC  
 CTGAAATAGCTGACACACTGGGTGCTGTGGCCAAGCAGGGGTTGATTTCTCTGCATGCCTGTCTTCCA  
 CCCGCGTTTCAAGAGGGAGTTTCATTACAGAACCTGCTAAGAATCGGCCTGGCCCCAGACACGATCAGAC  
 CTAAGTGTGTCAGGAAGGGACTGGAATACGCTAATTGTGGGAAAGCTTTCTCCATGGATTATCCAGACT  
 CAAAAGTGGAGAAGATCCGAAGGAACTCTGAGGCGGCTATGTTGCAGGAGCTGAATTTGGGGCATACT  
 AGGTCTTCCAGCTTCTATTGCCCTTAATCAGGAAGATAACACAAATCTGGCCAGAGTTCTGACCAAC  
 CACATCCACACTGGCCACCATTCTCCATGTTCTGGATGAGGGTCCCCTTGGTGGCCCCAGAGGACCTGA  
 GAGATGATGTAATTGAGAATGCACCAACTGCACACACAGAGGAGTACAGTGGAGAGGAGAAGACGTGGTT  
 GTGGTGGCATAACTTCCGGACTCTGTGTGACTATAGTAAGAGGATTGCAGTAGCTTTGAAATCGGAGCT  
 GACCTCCCGTCTAGTCAGGTCATTGATCGTTGGCTTGGAGAGCCCATCAAAGCCGCCATTCTCCCCACCA  
 GCATTTTCTTAACCAACAAGAAGGGGTTTCTGTCTTTCTAAGATGCAGCAGAGGCTGATCTTCCGGCT  
 CCTCAAGTTGGAAGTGAATTTATCATCACGGGAACCAACCACACTCAGAGAAGGAGTTCTGCTCCTAC  
 CTCCAGTACTTGGAACTTAAGCCAAAATCGTCCCCACCCAATGCTTACGAATCTTTGCCAAAGGCT  
 ATGAAGACTATCTGCAGTCCCCTTACGCTCTGATGGACAATCTGGAATCTCAGACGTACGAAGTGT  
 CGAAAAGGACCCCATCAAATACTCTCAGTACCAGCAGGCCATCTATAAATGTTTGCTAGACCGAGTACCA  
 GAAGAAGAAAAGGAGACCAATGTCCAGTACTTATGGTGTGGTGCAGGCCGAGGTCTCTAGTGAATG  
 CGTCTCTCCGGCAGCCAAGCAGGCTGAGCGGCGGATTAGGCTGTATGCCGTGGAGAAGAACCCCAATGC  
 TGTGGTACGCTAGAGAAGTGGCAGTTTGAAGAATGGGGGAGTCAGGTGACAGTTGTCTCGTCAGACATG  
 CGGAATGGGTGGCTCCGGAGAAGGCAGACATCATTGTCAGTGAACTTCTGGGCTCCTTTGCCGACAATG  
 AGCTGTCACTGAGTGTCTGGATGGAGCACAGCACTTCTGAAAGATGATGGTGTAAAGCATCCCCGGAGA  
 ATACACCTCCTTCTGGCTCCCATTCTTCTCGAAGTTGTACAACGAGGTCCGCGCCTGTCCGGAGAAG  
 GACCGTGACCCTGAGGCACAGTTTGAGATGCCTTATGTGGTTCGGCTGCACAACCTCCACCAGCTTTCTG  
 CTCCTCAGCCCTGTTTTACCTTCAGCCATCCCAACCGAGATCCTATGATTGACAACAACCCGCTACTGTAC  
 CTTGGAGTTTCTGTGGAGGTGAACACGGTCTTCATGGCTTTCAGGCTACTTTGAAACTGTGCTTTAC  
 CGGGACATCACTCTGAGTATCCGCCAGAGACCCACTCTCTGGCATGTTCTCATGGTTCCCCATCTTCT  
 TCCCCATCAAGCAGCCATCACGGTGCATGAAGGCCAGAACATCTGTGTGCGTTTCTGGCGATGCAGCAA  
 TTCTAAGAAGGTGTGGTACGAGTGGGCGGTGACAGCGCCAGTCTGTTCTTCTATTACAACCTACTGGT  
 CGCTCCTATACCATTGGCCT**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001108867
- Insert Size:** 1914 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\\_001108867.2](#), [NP\\_001102337.2](#)

**RefSeq Size:** 2553 bp

**RefSeq ORF:** 1914 bp

**Locus ID:** 364382

**Cytogenetics:** 15p13