

## Product datasheet for **RN214005**

### Trmt2a (NM\_001011895) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt2a (NM_001011895) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Trmt2a
Synonyms:	Htf9c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN214005 representing NM\_001011895  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGAGTGAGAAGCTGGACACGGAAGTCCGGAGCACATGGAGGACTGCGGCCAGGATGTCAGTGCAGTGG  
 GCAGCTCTGCAGCCTCAGTATGTCAAGATGAGAAAGAGGACCCTGGGCCAGCTGCAGGGCCTGGAACCTCA  
 GCCTGGGCTCTACAGCTACATAAGGGATGACTTGTTCACCTCAGAGATCTTTAAACTGGAGCTCCAAAAT  
 GTACCTCGCCACGCCAGCTTCAGTGACGTCGGCGTTTTTAGGCCGTTTTGGCTTACAATCCCACAAAA  
 TCAAACCTTTGGACAGCCACCATGTGCCTTTGTGACATTTGCGAGTGTCTGAACGAGACAAGGCCTT  
 GCGAGTGTGCATGGTGTCTCTGGAAGGGTCTCCACTCAGTGTACGACTGGCCCGACCCAAGGCTGAC  
 CCCATGGCTAGGAAGAGGCGCAAGAAGGCATAATGAACCAACAGCAACACAGATTGCCGATGTGGTGA  
 CCCCTCTTTGGACAGTGCCTACACTGAGCAGCTGGAGCAGAAGCGACTGGAATGTGAGCGGGTGTCTACA  
 GAAACTGGCCAAGGAAATGGGAACACTAACCATGCCCTGCTACCCTGGCTGCTTTGCAGAGACAACAG  
 CACAATAAAGCTTGTGGCCATTGGAGGGGGTCAAGCCATCACCCAGCAGACTGAGTACCGTAACAAGT  
 GTGAATTTCTGGTTCGGAGTTGGGGTAGATGGAGAGGACAACACTGTTGGCTGCCGGCTTGCCAAGTACAA  
 GGGCGGGACGTGTGCTGTGGCGCCTCCCTTTGACACTGTGCACATTCCACAGGCCACTAAGCAGCTGGT  
 AAGGCCTTCCAGGAGTTCATCCGTTCCACACCATATTCGGCATATGACCTGAGACATACACAGGCCACT  
 GGAAGCAACTGACTGTCCGCACCAGCCCGGAGGTCAAGCCATGGCCATTGCCCACTTCCATCCCCAGAA  
 ACTGAGCTCTGAGGAGGTGGCAGGACTAAAGGCCTCCCTGGTGTGCCACTTCATGGAGGGGCCAGGCAAG  
 GCCAGTGGGGTGACATCCCTCTACTTTGTGGAGGAGGGACAGAGAAAGACTCCCAGCCAGGAAGGCCTGC  
 CCTGTGAGCATAATGGCCGGTGACCAGTGCATTAGGAAGACCTGCTAGGGCTCACTTTCCGCATCTCCCC  
 TCATGCATTCTTCCAGGTAACACACACTGCAGCCGAGGTGCTCTACACAGTCATCCAGGAATGGGCCAG  
 CTGGATGGGGGACGACAGTGTGGACGTTTGGTGTGGCACTGGTACCATAGGGCTAGCCCTGGCTCCGA  
 AGGTGAAGAAAGTAATTGGGATTGAACTGTGCCAGGAGGCTGTGGAGGATGCCCGTATGAACGCCCTCAC  
 CAATGAGCTGAGCAACGTTGAGTTCACCTGCGGCAGGGCTGAGGATCTGGTGCCAGGCTTGGTGAGCAAA  
 CTGTCTTCCAGCAACTGTAGCTGTTCTAGACCCACCACGGGCTGGCCTACATTCTAAGGTGATTCTGG  
 CCATGAGGAAAGCTGAGAACATCAAGCGGCTCCTGTATGTTTCTGCAACCCAGGGCAGCCATGGGCAA  
 CTTTGTGGATCTCTGCAGAGCCCATCTAACCGAGTGAAGGTACCCCATCCATCCAGTCAAGGCTGTG  
 GCAGTGGACCTGTTCCCACAGACCCCACTGTGAAATGCTTATCCTGTTTGGAGAGGATGCAACAACACC  
 CTAAATGGCATAGGGCCCTGGAACATCAAGACCTCAAACCCCAAGAAATCTTCCCGACCTCACTGCACA  
 GGAACAGAGACTTCCCTCTACCC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001011895

**Insert Size:** 1848 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\\_001011895.1](#), [NP\\_001011895.1](#)

**RefSeq Size:** 2266 bp

**RefSeq ORF:** 1848 bp

**Locus ID:** 287953

**Cytogenetics:** 11q23