

Product datasheet for **MC216718**

Trmt13 (NM_030016) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt13 (NM_030016) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trmt13
Synonyms:	4631408H19Rik; A330067P21; A930028L21Rik; Ccdc76
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216718 representing NM_030016
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGCTCCGGCGCGACTTCGCCCTCGATCGGATTTCCCATCGACGCGCAGATGCAACTACTTCTGTAG
AAAAGAAGAAGCGCTTCTGCAGGATGGTGGCGGCCGGGGAAAAGGTTCTGTGGCGAACACGCTGGCTC
CGCCGAGGAAGAAAATACTCGGAAAAGAATCTTGTGTCCTTTAGATCCAAAACACACAGTGTATGAAGAC
CAACTAGCAAAACATTTGAAAAATGTAATTCAGAGAGAAGCCTAAGCCTGATTTCTTTATTCAAGATA
TAAATGCAGGATTAAGGATGAAACAGAGATTCCTGAGCAATTAGTTCCATTTTCTCTCTACTGAAGA
GCAGTTGGAGAATTAATTAAGAAATTGAGAAAAGCAAGTGAAGGCTGAATTCTACACATGAAGATCAC
ATCATGTCCCATCCAGCATTGCATGATGCCCTAATGACCCAAGGAATGGCGATTGTGCAGTCAAACACC
TGAACAGCAGGCTTCTATTCTAGGCAACATTGAAAAGTTAAAGTTACTTGGCCCAAGAAGATGCTTTGT
TGAGTTTGGAGCAGGAAAGGGGAAATTATCTCACTGGGTTGATATTGCCTAAAAGATGCTGAAAATGTT
CACTTCATCCTGGTAGAAAGAGTGACCACAAGATTCAAGGTAGATGGTAAACACAGAAAAAGGACTCAG
TGTTTGAAGGCTTCAAATTGATATCCAGCACTTGTGTTGAACAGGGTCTGTGCTAAGAGAAGGAAG
ACTGCCGTGGTAGGAATTGGGAAGCACCTGTGTGGGGTGGCGACAGATGTTGCATTACGATGTTTGGTT
GAAACCTATGCTGCCAGTTTTGAGGAAAAGGATGAAGAACCTTTAGCCAAACGCATAAAGAATGATAAGA
CAGAAAAAGAAAGTAACACTTTGGCCAAGGAAGGAAGTAAAAAGATGTCCAGAGACATGGACCCCGGT
GGCTGGCATTGTGATTGCGCTCTGTTGTACCACAGGTGTGACTGGAGACATTATGTGGGCAAAGAGTAT
TTCAAGGCTCTTGACTTGGGGCGGTAGAGTTCTACTATTTCCAGAGAATGAGTAGTTGGGCAACGTGTG
GAATGAGGACATCGTTGGAAGGCTCGGATGTTACTCCAGAGAGAAAAGATGCTCAAAGGGATGAGAATGA
AGAGCACGATGATGGAGGAGACAGACTCACAGATGGCAACACTGACAGTTTGCCTGGGATTCTTACTGTT
GAAGAAAAGAAAGAAAATAGGACATCTTTGAAACTGCTGATTGACCAAGGCAGACTCCAGTATTTACAGC
AGAAAGGCTTCAGTCTGCCTTACAGTACTATACGGACCCATTGGTGTCTCTGGAAAACGTATTATTAAC
TGCCGTACCAGCTCATCCGTCATCGCAGAAAAACATCATCA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_030016

Insert Size: 1446 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_030016.2](#), [NP_084292.1](#)
RefSeq Size: 3159 bp
RefSeq ORF: 1446 bp
Locus ID: 229780
UniProt ID: [Q8BYH3](#)
Cytogenetics: 3 G1
Gene Summary: tRNA methylase which 2'-O-methylates cytidine(4) in tRNA(Pro) and tRNA(Gly)(GCC), and adenosine(4) in tRNA(His).[UniProtKB/Swiss-Prot Function]