

Product datasheet for **MC221024**

Trmt44 (NM_030208) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt44 (NM_030208) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Trmt44
Synonyms:	2310079F23Rik; Mettl19
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221024 representing NM_030208
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGAGCTGGGTAGAGTGC GGCTAAGCGATCCTGATGCCCTGCTACCTGCAGGCTTCTGGGCCGCCG
 TGACCGTGTGGCTGGAGAGGCCACAGGTGGCCAACAAGAGGCTGTGCGGCCCGCATGGAAGCCCGCGG
 GAGAACTTTGCGGTCCCACGCCAGGCGGAGTGTGGACCGCGCAGGGACAGGGACAGGGCTGGAGAGG
 GAACCCGGACAGGCTTCTCTAAAGGAGAGCCAGAGTCCGGACCTAGGGCGAGCCGCAAGGCACCCTC
 CCGCGGCTGACCTGAACTCGCTATGGGACCGAGTCTCCAAAGCCTCGTCCACGCCAATCCGGAAATGCT
 GGCCTTCTCTGTGGCCCTCGTTGGTCTCAGCCTGAAGCCGCGCAGGAGCTCGACCTGATTCTCAGG
 ACTGTCATCCCGAAAGCGAGCCCGCACTCCCACTCACAGAGCCGAAGAAAGAACTGGTAGTGAAGATG
 TCTCCAGTGGGAGTGTACCTTTTTGCCCTTGAAGAAGATAATGAGGGGATTTGGAGGTTAAAACGAG
 CAACGTGTATCAACTCCATCTCCATCACAACGAAGGAGAATGGTTCATATCTGTTTTAATTTCTGTCCA
 GAGAGATGGCATTAGATGGTGTGTCTATCCTAAGCCTGCCTGGCTCGGAGAAGAACTGCTGTCCAAGC
 TGGCCAGGTGGGCGGTGGAGAACAGGAAGAGCGAGTTAAAAGCACACTTCCCTGGTGTCTATCCTGCG
 CTATAGCAGGATGTACCAGGAGCTCAAAGAGAAATACAGAGACATGGTAAAGTTTGGCCTGAAGTAAAC
 GATCCTGAAAAGTTTGTCTATGAAGATGTGGCCATTGCTACGTATCTGCTGATCCTATGGGAAGAGGAAA
 GGGCTGAGAAGGGAGTACCACCAAGCAGTCTTTCGTGGACTTGGGGTGTGGAATGGCCTTCTGGTCCA
 CATCTTGAGCAACGAGGGGCACCCAGGTAGAGGGATTGATATCCGAAGAAGAAAAATCTGGGACATGTAT
 GGACCCAAACTCAGCTGGAGGAAGGCTCCATCACTCCGAGTGACGAGACCCTGTTCCCTGGTGTGATT
 GGCTGATTGGTAACCATCTGATGAGCTCACCCCTGGATCCCTGTCATTGCAGCCAGGTTCTCTACAC
 TGTCGTTTTCTTTGTCTGCCCTGCTGTTTTTTTCGACTTTGTGGGGCGATACCAGCGGCAGCAGAGCAGG
 AAGACACAGTACCAGAGTATCTGGACTTTGTGCTGGAGGTGGGGCTCTCCTGTGGCTTCCACGTGCAGG
 AGGACTGCCTCAGGATTCCTTCTACTAAGCGGGTCTGCCTCATTGGGAAATCCAGAACATACCCGCCTTC
 TGCAGAGGTCTGGATGGATGAGCAGAGAACGCGATACCTGCACAGCAGACAGGGCCATCCACAGAGCCGG
 CCTGGAGGGGCACATGCACCTTCTGCACCCGAGACTGCTGCTCATGACGCTGGTCTCCAGGACAGTTGCA
 GGACCGTCAATGTGGTCTGAGTGCCTGCTGGAGGGCTGGCTGCTGAGCGAGGAGCTGGAGCCCCAGC
 CCCAGGACTCTGGGTGCCTGGTCTGCCCTAGAGAAAAGCCGAGCGTGTGAGGAATTGTGCAGCCCTC
 CCTCGAGACTTCTGTGACCAAGTGGTTTTGACAGGTGGCAAACCTGTTGTTAGATAGAAGAAGTTCAACA
 CAGGAAACTCTGAAGCCAGGAGTCTGAAGCCCTGGAATGGAGGAGGGAGCCTTTCCTTGGCAGAAGTGGC
 TGCAGAACTAAACTCAGAGACGCTGCAGCGGCTGAAGCGGGAGTGTGGAGGCCTACAGACCTTCTCAAG
 AATAGCCATCAAGTGTGTTGAAGTTCTGAATGGGCGGTTACATCCGTGACTGGCGGCAGGAGCTGCAGA
 GGGGAAAGCCTCCAGAAGCCAAGCAGAACCTGTCTGCAGCAGTGTCAAGACTCGGATCTGCTGGTCTT
 CGCCACCATCTGATGGCTGCTACTGCCTGCTGCCAATGCCCTTTGCCATGGGCCCGAAGAGCTG
 CGCCTGTCACAGACCTTGAAGAAGCAGAGGCAGGCTCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_030208

Insert Size: 2142 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:	<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_030208.3</u> , <u>NP_084484.2</u>
RefSeq Size:	3784 bp
RefSeq ORF:	2142 bp
Locus ID:	78890
UniProt ID:	<u>Q9D2Q2</u>
Cytogenetics:	5 B2-B3
Gene Summary:	Probable adenosyl-L-methionine (AdoMet)-dependent tRNA (uracil-O(2)-)-methyltransferase. [UniProtKB/Swiss-Prot Function]