

Product datasheet for **MR209324**

Trmt2a (NM_001081000) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt2a (NM_001081000) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trmt2a
Synonyms:	Htf9c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR209324 representing NM_001081000
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGACTGCGGCCAGGATGCCAGTGTACCCAGCTCTGCGGCCCACTATGTCAAAAAGAGGAAG
 CAGGGCCTGGCCAGCTGCAGGGCCTGGAACGCAGCCTGGGCTCTACAGCTACATAAGGGATGACTTGTT
 CACATCAGAAATCTTTAACTGGAGCTCCAAAATGTACCTCGCCACGCCAGCTTCAGTGACGTCCGGCGT
 TTTCTAGGCCGTTTTGGTCTACAGTCCCACAAAATCAAACCTTTGGACAGCCACCATGTGCCTTTGTAA
 CATTCCGAAGCGCTGCTGAACGAGACAAGGCCCTTGCAGTGTGCACGGTGTCTCTGAAAAGGCTGTCC
 GCTCAGCGTACGCTGGCCGACCCAAGGCTGACCCCATGGCTAGGAAGAGGGCGCAAGAAGGTGATAGT
 GAGCCATCAGTAACACAAATTGCCGATGTGGTACCCCTCTGTGGACAGTGCCCTACACTGAGCAGCTGG
 AGCAGAAGCGACTGGAATGTGAGCGGGTGTACAGAACTGGCCAAAGAAATGGGAACACTAATCGTGC
 CCTGCTACCTGGCTGCTTTACAGAGACAACAGCACAATAAAGCTTGTGCCCCCTGGAGGGGTCAGG
 CCATCACCCAGCAGACTGAATATCGTAATAAATGTGAATTCCTGGTCGGAGTTGGGGTAGACGGCAAGG
 ACAACACAGTTGGCTGCCGGCTTGGCAAGTACAAGGGTGAACATGTGCTGTGGCAGCTCCCTTTGACAC
 TGTGCACATTCAGAGGCCACTAAGCAGGTGGTGAAGGCCTTCCAGGAATTCATCCGTTCCACACCATAC
 TCGGCATATGACCCTGAGACATATACAGGCCACTGGAAGCAACTGACTGTTCTGACCAGCAGCCGAGGCC
 AGGCCATGGCCATTGCCTACTCCATCCCAGAAAAGTACTGCTGAGGAGGTGGCAGGACTAAAGGCCTC
 CCTGGTGTCCACTTCATGGAGGGGCCAGGCAAGGCCAGTGGGGTACCTCCCTCTACTTTGTGGAGGAG
 GGACAGAGAAAGACTCCCAGCCAGGAAGGCCTGCCCTGGAGCATATGGCTGGCAGCAGTGCATTGAGG
 GGTGCTCTACACAGTAATCCAGGAATGGGCACAGCTAGATGGGGCAGTACAGTGTGGACGTGGCTGT
 GGCACTGGCACCATAGGCCTGGCCTGGCTCCGAAGGTGAAGAGAGTGTGGGAATTGAACTGTGCCAGG
 AGGCTGTGGAGGATGCCCGGATGAACGCCCTCACCAATGAGCTGAGCAATGTTGAGTTCCACTGTGGCAG
 GGCTGAGGATCTGGTGCCAGGTTTGGTGGCAGACTGTCTTCCATCACTTGTAGCTGTCTAGACCCA
 CCACGGGCTGGCCTACATTCTAAGGTGATTCTGGCCATCCGAAAAGCTGAGAACATCAAGCGACTCTGT
 ATGTTTCTGTAACCCAGGGCAGCCATGGGCAACTTTGTGGACCTCTGCAGGGCCCATCTAACCGAGT
 AAAAGGCACCCCATCCATCCAGTCAAGGCTGTGGCAGTGGACCTGTTCCACAGACTCCGCACTGTGAG
 ATGCTTATCTGTTTGGAGGATGCAACAACCCCAATGGCATAGAAGCCCTGGAGCATCAAGAATTC
 AGACCCCAAGAAATCTTCTGATATCACTCCACAGGAAACAGAGATTTCCCTCTCA

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209324 representing NM_001081000
 Red=Cloning site Green=Tags(s)

MEDCGQDASAVPSSAAPLCQKEEAGPGPAAGPGTQPGLYSYIRDDLFTSEIFKLELQNVPRHASFSDVRR
 FLGRFGLQSHKIKLFGQPPCAFVTFRSAAERDKALRVLHGALWKGCPKSVRLARPKADPMARKRRQEGDS
 EPSVTQIADVVTPLWTPYTEQLEQKRLCERVLQKLAKEIGNTNRALLPWLQLRQQHNKACCPLEGVK
 PSPQQTEYRNKCEFLVGVVDGKDNTVGCRLGKYGGTCAVAAPFDTVHIPEATKQVVKAFQEFIRSTPY
 SAYDPETYTGHWKQLTVRTSSRQAMAIAYFHPQKLSSEEVAGLKASLVCHFMEGPGKASGVTSLYFVEE
 GQRKTPSQEGLPLEHMAGDQCIQEDLLGLTFRISPHAFFQVNTPAAEVL YTVIQEWAQLDGGSTVLDVCC
 GTGTIGLALAPKVRVVGIELCQEAVEDARMNALTNELSNVEFHCGRAEDLVPGLYSRLSSHQLVAVLDP
 PRAGLHSHKIVILAIRKAENIKRLLYVSCNPRAAMGNFVLDL CRAPSNRVKGTFFHPVKAVAVDLFPQTPHCE
 MLILFERMQHPNGIEALEHQEFQTPRNLDPITPQETEISLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001081000

ORF Size: 1839 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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 Size: 3684 bp

RefSeq ORF: 1842 bp

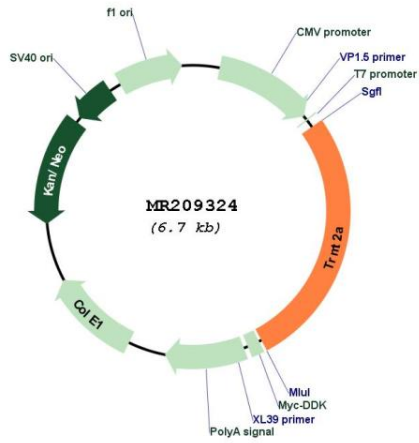
Locus ID: 15547

UniProt ID: [Q8BNV1](#)

Cytogenetics: 16 11.31 cM

MW: 68.1 kDa

Product images:



Circular map for MR209324