

Product datasheet for **MR225655**

Trmt2a (NM_001195205) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Trmt2a (NM_001195205) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Trmt2a
Synonyms:	Htf9c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide Sequence:

>MR225655 representing NM_001195205
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAGTGAGCCGGCCGCGGAAGTTCGGAGCCCATGGAGGACTGCGGCCAGGATGCCAGTGTGTACCCA
 GCTCTGCGGCCCACTATGTCAAAAAGAGGAAGCAGGGCCTGGCCAGCTGCAGGCCTGGAACGCAGCC
 TGGGCTCTACAGCTACATAAGGGATGACTTGTTCACATCAGAAATCTTTAACTGGAGCTCCAAAATGTA
 CCTCGCCACGCCAGCTTCAGTGACGTCCGGCGTTTTCTAGGCCGTTTTGGTCTACAGTCCCAAAAATCA
 AACTCTTTGGACAGCCACCATTGTGCCTTTGTAACATTCGAAGCGCTGCTGAACGAGACAAGGCCTTGGC
 AGTGCTGCACGGTGTCTCTGGAAGGCTGTCCGCTCAGCGTACGCTGGCCGACCCAAGGCTGACCCC
 ATGGCTAGGAAGAGGCGCAAGAAGGTGATAGTGAGCCATCAGTAACACAAATTGCCGATGTGGTGACCC
 CTCTGTGGACAGTGCCCTACACTGAGCAGCTGGAGCAGAAGCGACTGGAATGTGAGCGGGTGTACAGAA
 ACTGGCCAAAAGAAATTGGGAACACTAATCGTGCCCTGCTACCCTGGCTGCTTTTACAGAGACAACAGCAC
 AATAAAGCTTGTGCCCCCTGGAGGGGGTCAAGCCATCACCCAGCAGACTGAATATCGTAATAAATGTG
 AATTCCTGGTCCGAGTTGGGGTAGACGGCAAGGACAACACAGTTGGCTGCCGGCTTGGAAGTACAAGGG
 TGAACATGTGCTGTGGCAGCTCCCTTTGACACTGTGCACATTCAGAGGCCACTAAGCAGGTGGTGAAG
 GCCTTCCAGGAATTCATCCGTTCCACACCACTACTCGGCATATGACCCTGAGACATATACAGGCCACTGGA
 AGCAACTGACTGTTTCGTACCAGCAGCCGAGGCCAGGCCATGGCCATTGCCTACTTCCATCCCCAGAACT
 GAGCTCTGAGGAGGTGGCAGGACTAAAGGCCTCCCTGGTGTGCCACTTCCATGGAGGGCCAGGCAAGGCC
 AGTGGGGTGACCTCCCTCTACTTTGTGGAGGAGGACAGAGAAAGACTCCCAGCCAGGAAGGCCTGCCCC
 TGGACCATATGGCTGGCAGCAGTGCATTCAGGAAGACCTGCTAGGGCTGACCTTCCGCTATCCCTCA
 TGCATTCTCCAGGTAACACACCTGCAGCTGAGGTGCTCTACACAGTAATCCAGGAATGGGCACAGCTA
 GATGGGGCAGTACAGTGTGGCAGTGTGCTGTGGCACTGGCACCATAGGCCTGGCCCTGGCTCCGAAGG
 TGAAGAGAGTAGTGGGAATTGAACTGTGCCAGGAGGCTGTGGAGGATGCCCGGATGAACGCCCTCACAA
 TGATTCTAAGGTGATTCTGGCCATCCGGAAGCTGAGAACATCAAGCGACTCCTGTATGTTTCTGTAAC
 CCCAGGGCAGCCATGGGCAACTTTGTGGACCTCTGCAGGGCCCCATCTAACCGAGTAAAAGGCACCCCAT
 TCCATCCAGTCAAGGCTGTGGCAGTGGACCTGTTCCACAGACTCCGCACTGTGAGATGCTTATCCTGTT
 TGAGAGGATGCAACAACACCCCAATGGCATAGAAGCCCTGGAGCATCAAGAATTTAGACCCCAAGAAAT
 CTTCTGATATCACTCCACAGGAAACAGAGATTTCCCTCTCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR225655 representing NM_001195205
 Red=Cloning site Green=Tags(s)

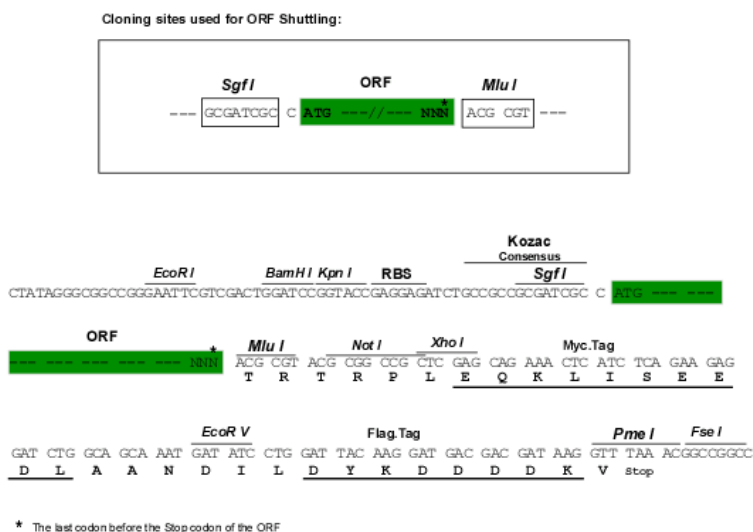
MSEPAAEVPEPMEDCGQDASAVPSSAAPLCQKEEAGPGAAGPGTQPGLYSYIRDDLFTSEIFKLELQNV
 PRHASFSDVRRFLGRFGLQSHKIKLFGQPPCAFVTFRSAERDKALRVLHGALWKGCP LSVRLARPKADP
 MARKRRQEGDSEPSVTQIADVVTPLWTPYTEQLEQKRLCEQVQLAKEIGNTNRALLPWL LQRQQH
 NKACCPLEGVKPSPQTEYRNKCEFLVGVVDGKDNTVGCRLGKYKGGTCAVAAPFDTVHIPEATKQVVK
 AFQEFIRSTPYSAYDPETYTGHWKQLTVRTSSRGQAMAIAYFHPQKLSSEEVAGLKASLVCHFMEGPGKA
 SGVTSLYFVEEGQRKTPSQEGLPLEHMAGDQCIQEDLLGLTFRISPFAFFQVNTPAAEVLYTVIQEWAQL
 DGGSTVLDVCCGTGIGLALAPKVKRVVGIELCQEAVEDARMNALTNSKVILAIRKAENIKRLLYVSCN
 PRAAMGNFVDLCRAPSNRVKGTFFHPVKAVAVDLFPQTPHCEMLILFERMQHPNGIEALEHQEFQTPRN
 LPDITPQETEISLS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

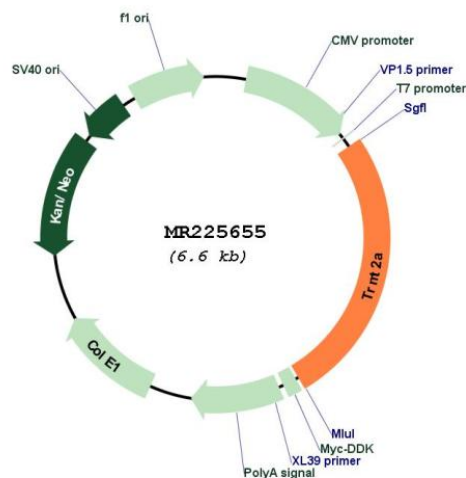
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



Plasmid Map:



ACCN: NM_001195205
 ORF Size: 1722 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:	<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:	NM_001195205.1 , NP_001182134.1
RefSeq Size:	3520 bp
RefSeq ORF:	1725 bp
Locus ID:	15547
UniProt ID:	Q8BNV1
Cytogenetics:	16 11.31 cM
MW:	63.8 kDa