

Product datasheet for **RG203720**

TRMT9B (NM_020844) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	TRMT9B
Synonyms:	C8orf79; hTRM9L; KIAA1456; TRM9L
Mammalian Cell	Neomycin
Selection:	
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG203720 representing NM_020844
Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGTATGTGACAACCTTAATCTCCCTTTAGGGATGAGGGCTTCGATGCCATCATCTCCATAGGAGTCA
TACATCATTTTTCTACAAAACAAAGAAGATCAGAGCAATAAAAGAAATGGCCAGGGTCTTAGTTCCCGG
AGGCCAACTGATGATTTACGTTTGGCAATGGAACAAAGAACCGTCGCTTGAGAAGCAAGACGTGCTT
GTTCCATGGAACAGGGCCCTGTGTTCCAGCTCTTCTCAGAGTCCAGCCAGTCTGGGAGGAAGAGGCAGT
GTGGATACCCAGAAAGAGGCCATCCCTACCATCCTCTGCTCTGAGTGTAGCTGTTCTGTTTGTTTTAA
AGAGCAGGGTGGTTCAAAACGGTCCACAGTGTGGGCTATGAACCTGCTATGGCAAGAACCTGTTTGTCA
AATATTTCTAAGGAAGGCGAGGAAGAATATGGATTTTACAGCACATTAGGAAAATCGTTTCGTTCTCTGGT
TTTTCTCCAGATCTTTGGATGAATCGACTCTGAGGAAGCAAATTGAAAGAGTAAGACCTTGAAAAACAC
AGAAAGTTTGGGCCAGTAGCACTGTAACAGTCCAGCCTTCCAGACACTCTAGTCTAGACTTTTGATCACC
GAGCCATTTTCAACAAAAGAGCAAAAGTTTATAGTGAAGGAAGTGTGTTGGAATCTTCTCTGAAAAACCT
TGGAGTGGCTGAGAGCACCAGGCACTCTGAAACATTTAAATGGAGACCATCAAGGGGAAATGAGGAGAAA
TGGAGGGGAAATTTCTGGATAGCACTAATACTGGTGTGAATTGTGTGGATGCAGGCAACATAGAAGAT
GATAATCCTTCTGCTAGTAAATATTGAGAAGGATTTCTGCAGTCGATTCCACAGATTCAACCCAGATG
ATACAATGTCTGTGAAGATCCACAGACTGATGTTTGGACTCCACAGCCTTTATGCGCTACTACCATGT
GTTTCGAGAAGGGAGCTCTGCAGTCTGCTCAAGGAGAATGTGTCAGAGCTCCGTATCCTGAGTTCTGGG
AATGATCATGTAAGTGTGTATCATTGCAGAGAAAAAGGAGGTTGTGAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



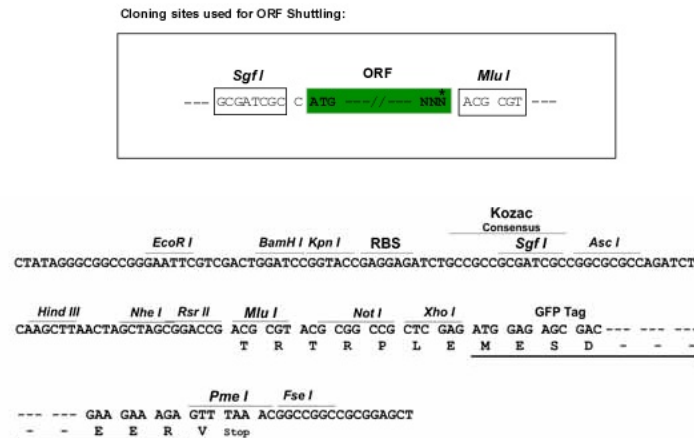
Protein Sequence: >RG203720 representing NM_020844
Red=Cloning site Green=Tags(s)

MVCDNLNLPFRDEGFDIISIGVIHHFSTKQRRIRAIKEMARVLVPGGQLMIYVWAMEQKNRRFEKQDVL
VPWNRALCSQLFSESSQSGRKRQCGYPERGHPYHPPCSESCSVCFKEQGGSKRSHSVGYEPAMARTCFA
NISKEGEEYGFYSTLGKSFRRWFFSRSLDESTLRKQIERVRPLKNTEVWASSTVTQPSRHSLDFDHQ
EPFSTKEQSLDEEVFVESSGKHLEWLRAPGTLKHLNGDHQGMRRNGGNFLDSTNTGVNCVDAGNIED
DNPSASKILRRISAVDSTDFNPDDTMSVEDPQTDVLDSTAFMRYHYHVFREGELCSLLKENVSELRLSSG
NDHGNWCIIAEKKGCCD

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020844

ORF Size: 1101 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_020844.2](#), [NP_065895.2](#)

RefSeq Size: 9603 bp

RefSeq ORF: 1365 bp

Locus ID: 57604

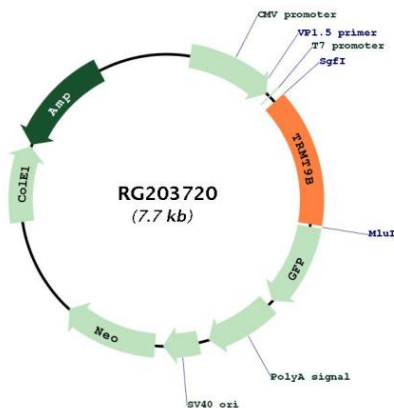
UniProt ID: [Q9P272](#)

Cytogenetics: 8p22

Protein Families: Druggable Genome

Gene Summary: May modify wobble uridines in specific arginine and glutamic acid tRNAs. Acts as a tumor suppressor by promoting the expression of LIN9.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG203720