

Product datasheet for SC316723

TRMT9B (NM_001099677) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRMT9B (NM_001099677) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRMT9B
Synonyms:	C8orf79; hTRM9L; KIAA1456; TRM9L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316723 representing NM_001099677. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGCCAGGGTCTTAGTTCGCGAGGCCAACTGATGATTTACGTTTGGGCAATGGAACAAAAGAACCCT
 CACTTTGAGAAGCAAGACGTGCTTGTTCCATGGAACAGGGCTCTGTGTTCCAGCTCTTCTCAGAGTCC
 AGCCAGTCTGGGAGGAAGAGGCAGTGTGGATACCCAGAAAGAGGCCATCCCTACCATCCTCCTTGCTCT
 GAGTGTAGCTGTTCTGTTTGTAAAGAGCAGTGTGGTTCAAACGGTCCACAGCGTGGGCTATGAA
 CCTGCTATGGCAAGAACCTGTTTTCAAATATTTCTAAGGAAGGCGAGGAAGAATATGGATTTTACAGC
 ACATTAGGAAAATCGTTTCGTTCTGGTTTTTCTCCAGATCTTTGGATGAATCGACTCTGAGGAAGCAA
 ATTGAAAGAGTAAGACCTTGAAAAACACAGAAGTTGGGCCAGTAGCACTGTAACAGTCCAGCCTTCC
 AGACACTCTAGTTTAGACTTTGATCACCAAGAGCCATTTCAACAAAAGGGCAAAGTTTAGATGAGGAA
 GTGTTTGTGGAATCTTCTCTGAAAACTTGGAGTGGCTGAGAGCACCAGGCACTCTGAAACATTTA
 AATGGAGACCAACAAGGGGAAATGAGGAGAAATGGAGGGGAAATTTCTGGATAGCACTAATACTGGT
 GTGAATTGTGTGGATGCAGGCAACATAGAAGATGATAATCCTTCTGCTAGTAAAAATTGAGAAGGATT
 TCTGCAGTTGATTCCACAGATTTCAACCCAGATGATACATGTCTGTGGAAGATCCACAGACTGATGTT
 TTGGACTCCACAGCCTTTATGCGCTACTACCATGTGTTTCGAGAAGGGGAGCTCTGCAGTCTGCTCAAG
 GAGAATGTGTAGAGCTCCGTATCCTGAGTTCTGGGAATGATCATGGTAAGTGGTATCATTGCAGAG
 AAAAAGAGAGGTTGTGAT**TGA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001099677
Insert Size:	987 bp


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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_001099677.1</u>
RefSeq Size:	9313 bp
RefSeq ORF:	987 bp
Locus ID:	57604
Cytogenetics:	8p22
Protein Families:	Druggable Genome
MW:	37.1 kDa
Gene Summary:	<p>May modifie wobble uridines in specific arginine and glutamic acid tRNAs. Acts as a tumor suppressor by promoting the expression of LIN9.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) has multiple differences in the presence and absence of exons at its 5' end, compared to variant 1. These differences produce a unique 5' UTR and cause translation initiation at a downstream start codon, compared to variant 1. The encoded protein (isoform 2) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data because no single transcript was available for the full length of the gene. The extent of this transcript is supported by transcript alignments.</p>