

Product datasheet for **SR311831**

TRM11 (TRMT11) Human siRNA Oligo Duplex (Locus ID 60487)

Product data:

Product Type:	siRNA Oligo Duplexes
Purity:	HPLC purified
Quality Control:	Tested by ESI-MS
Sequences:	Available with shipment
Stability:	One year from date of shipment when stored at -20°C.
# of transfections:	Approximately 330 transfections/2nmol in 24-well plate under optimized conditions (final conc. 10 nM).
Note:	Single siRNA duplex (10nmol) can be ordered.
RefSeq:	NM_001031712 , NM_021820 , NM_001350580 , NM_001350581 , NM_001350582 , NM_001350583 , NM_001350584 , NM_001350585 , NM_001350586 , NM_001350587 , NM_001350588 , NM_001350589 , NM_001350590 , NM_001350591 , NM_001350592 , NM_001350593 , NM_001350594 , NM_001350595 , NM_001350596 , NM_001350597 , NR_146795 , NR_146796 , NR_146797 , NR_146798 , NR_146799 , NR_146800 , NR_146801 , NR_146802 , NR_146803 , NR_146804
UniProt ID:	Q7Z4G4
Synonyms:	C6orf75; MDS024; TRM11; TRMT11-1
Components:	TRMT11 (Human) - 3 unique 27mer siRNA duplexes - 2 nmol each (Locus ID 60487) Included - SR30004, Trilencer-27 Universal Scrambled Negative Control siRNA Duplex - 2 nmol Included - SR30005, RNase free siRNA Duplex Resuspension Buffer - 2 ml
Summary:	Catalytic subunit of an S-adenosyl-L-methionine-dependent tRNA methyltransferase complex that mediates the methylation of the guanosine nucleotide at position 10 (m2G10) in tRNAs. [UniProtKB/Swiss-Prot Function]



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**Performance
Guaranteed:**

OriGene guarantees that at least two of the three Dicer-Substrate duplexes in the kit will provide at least 70% or more knockdown of the target mRNA when used at 10 nM concentration by quantitative RT-PCR when the TYE-563 fluorescent transfection control duplex (cat# SR30002) indicates that >90% of the cells have been transfected and the HPRT positive control (cat# SR30003) provides 90% knockdown efficiency.

For non-conforming siRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the siRNA kit. To arrange for a free replacement with newly designed duplexes, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled siRNA control (quantitative RT-PCR data required).