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Product datasheet for SC204596

TRMT1 (TRMU) (NM_018006) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	TRMT1 (TRMU) (NM_018006) Human 3' UTR Clone
Symbol:	TRMT1
Synonyms:	LCAL3; MTO2; MTU1; TRMT; TRMT1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_018006
Insert Size:	364 bp
Insert Sequence:	>SC204596 3'UTR clone of NM_018006 The sequence shown below is from the reference sequence of NM_018006. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC GATGGTCCAGGCCTGAGTCCCTTGCTCTGACAGAGATGGATCTGCTAGAAGGAACCTGGAGAGCAGGAC CCATGGCTGGGCGGCTGGTGAGCAGTCCAGGTGCCCAAGGGCCAGCTTGCTGCTGCCCAAAGCAGAGGA AGCCGGGCTGGCTGAGGGTCCGAAAAGCCTGCAGGGGCCCGGCGAGCCCCAGGAAGAGCCTCAGCTCCA GGCTGGGGCTCTGGCTGCTGGAGCATCTGCTGGCTGGTGGGGTGGCCCGAGTTCCCCTTCACCGCCCCC AGGGAGGGTTTCCCACCTCAGAGTACACCGAGGGGACCTGCAGAGGGGGCTGTCGGGACAGCGTGGAAT AAACATTATTTCAAGGACA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

View online »

RefSeq:	NM_018006.5
Summary:	This nuclear gene encodes a mitochondrial tRNA-modifying enzyme. The encoded protein catalyzes the 2-thiolation of uridine on the wobble positions of tRNA(Lys), tRNA(Glu), and tRNA(Gln), resulting in the formation of 5-taurinomethyl-2-thiouridine moieties. Mutations in this gene may cause transient infantile liver failure. Polymorphisms in this gene may also influence the severity of deafness caused by mitochondrial 12S ribosomal RNA mutations. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]
Locus ID:	55687
MW:	12.9