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Product datasheet for SC328826

TRMT2B (NM_001167972) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRMT2B (NM_001167972) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRMT2B
Synonyms:	CXorf34; dJ341D10.3
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

>NCBI ORF sequence for NM_001167972, the custom clone sequence may differ by one or more nucleotides

ATGGCAGGCCTTAAGAGAAGAGTCCCACTGCACAGCCTCAGATACTTCATCTCCATGGTG
GGTCTCTTCTCCAAACCAGGACTGCTTCCCTGGTATGCCAGAAATCCACCAGGATGGTCA
CAGCTCTTTCTGGGCACAGTATGTAAGGGAGATTTCACCCGTGTGATAGCCACGAAATGT
CAGAAAGGACAAAAAAGTCAGAAGAAACCAAGCCATCTTGGACCACTAGATGGTTCCTGG
CAGGAAAGGCTGGCTGATGTTGTGACACCACTCTGGAGGTTGAGCTATGAAGAACAGCTC
AAGGTGAAATTTGCAGCTCAGAAGAAAATTTTACAAAGACTAGAGTCTTACATCCAAATG
CTCAATGGAGTCAGTGTGACAACGGCTGTACCCAAATCTGAGAGGCTCTCTTGTCTTCTC
CATCCTATTATACCCTCTCCTGTCATCAATGGTTACCGAAATAAGTCCACCTTCTCTGTG
AACCGAGGTCCAGATGGCAATCCAAAGACTGTGGGGTTCTACCTGGGAACTTGGAGAGAT
GGGAACGTTGTCTGTGTGCAGTCTAATCATCTGAAAAACATCCCTGAGAAACACAGTCAA
GTGGCGCAGTACTATGAAGTATTCCTTCGACAGTCTCCATTGGAGCCCTGCCTTGTATTT
CATGAAGGTGGATACTGGCGTGAGCTCACAGTCCGCACCAATAGCCAAGGGCACACAATG
GCTATCATCACTTTCCATCCCCAGAAATTAAGTCAGGAGGAGCTCCATGTTCAGAAGGAG
ATTGTAAAGGAATTTTTCATCAGAGGTCCTGGAGCAGCCTGTGGCTTGACCTCACTTTAC
TTCCAGGAAAGTACCATGACCCGTTGCAGCCATCAGCAGTCTCCCTATCAGCTTCTGTTT
GGGGAACCCTACATCTTTGAAGAACTTCTGAGCTTGAAGATCCGCATCTCTCCAGATGCC
TTTTTCCAGATTAACACAGCTGGTGCAGAGATGCTGTATCGGACTGTGGGGGAGCTGACT
GGAGTGAACTCTGACACCATCCTTCTTGACATCTGCTGTGGAACTGGTGTGATTGGCCTC
TCTCTGGCTCAGCATACATCTCGGGTCCTTGGGATTGAATTGTTGGAGCAGGCAGTGGAG
GATGCAAGATGGACTGCAGCCTTCAATGGCATCACCAACTCTGAATTTCATACTGGTCAA
GCAGAGAAGATTTTGCCAGGGCTGCTAAAGTCAAAGGAAGATGGACAGTCAATTGTTGCT
GTGGTGAACCCAGCCCGTGCCGGACTGCATTACAAGGTGATTCAAGCCATTCGAAACTTC
AGGGCCATCCACACGCTAGTTTTTGTTTCCTGCAAGCTCCATGGTGAATCCACTAGGAAT
GTCATTGAGCTGTGCTGTCCTCCAGACCCTGCTAAGAAGCTCTTAGGCGAGCCCTTTGTC
CTGCAGCAAGCTGTACCTGTGGATTTGTTCCCTCACACCCCACATTGTGAGCTGGTGCTC
CTCTTTACTCGATAA

Restriction Sites: Please inquire

ACCN: NM_001167972

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:	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_001167972.1, NP_001161444.1
RefSeq Size:	3124 bp
RefSeq ORF:	1515 bp
Locus ID:	79979
UniProt ID:	Q96GJ1
Cytogenetics:	Xq22.1
Protein Families:	Druggable Genome
Gene Summary:	This gene encodes a homolog of the TRM2 gene in S. cerevisiae. The yeast gene encodes a tRNA methyltransferase that plays a role in tRNA maturation. The yeast protein also has endo-exonuclease activity and may be involved in DNA double strand break repair. Alternative splicing results in multiple transcripts encoding different isoforms. [provided by RefSeq, Nov 2009] Transcript Variant: This variant (a) differs in the 5' UTR, compared to variant 1. Variants 1, 2, and 4 all encode isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.