

Product datasheet for **SC329651**

C1orf25 (TRMT1L) (NM_001202423) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1orf25 (TRMT1L) (NM_001202423) Human Untagged Clone
Tag: Tag Free
Symbol: TRMT1L
Synonyms: bG120K12.3; C1orf25; MST070; MSTP070; TRM1L
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC329651 representing NM_001202423.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

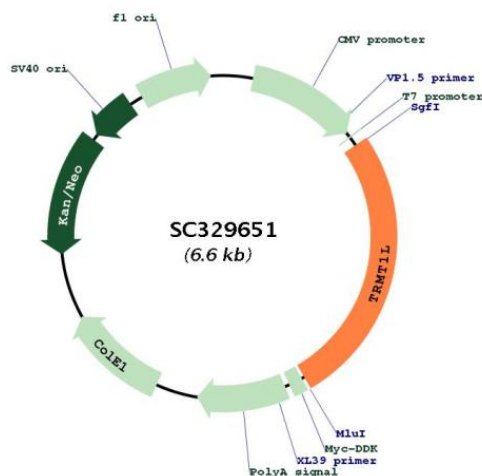
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001202423

Insert Size: 1734 bp

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).

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_001202423.1](#)

RefSeq Size: 4029 bp

RefSeq ORF: 1734 bp

Locus ID: 81627

UniProt ID: [Q7Z2T5](#)

Cytogenetics: 1q25.3

MW: 65 kDa

Gene Summary:

This gene encodes a protein that has some similarity to N2,N2-dimethylguanosine tRNA methyltransferase from other organisms. Studies of the mouse ortholog have shown that this protein plays a role in motor coordination and exploratory behavior, and it may also be involved in modulating postnatal neuronal functions. Alternatively spliced transcripts have been identified for this gene. [provided by RefSeq, Jan 2011]

Transcript Variant: This variant (2) differs in the 5' UTR, lacks a portion of the 5' coding region, and initiates translation at a downstream start codon, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.