

Product datasheet for **SC322690**

TRM11 (TRMT11) (NM_001031712) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TRM11 (TRMT11) (NM_001031712) Human Untagged Clone
Tag:	Tag Free
Symbol:	TRM11
Synonyms:	C6orf75; MDS024; TRM11; TRMT11-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:	<p>>OriGene sequence for SC322690</p> <pre> CGCCTGCCTCGCAGAGCTTCCGCTTCCGGCCCTTCAGGCTCTGTCTCTGTGGAGACTGGG CTTTGGGAGGGAGAAAGAGGGACCTAGCGCGGGCCGCGCAGGCGCACGGTGGGCAGCTGC AATGGCGCTGTCGTGTACCCTTAACAGGTATCTGCTCCTCATGGCGCAGGAGCATCTGGA GTTCCGCTGCCGAAATAAAGTCTTTGCTTTTGGAGGTCAGTTTGCCAGCAG TCAAGAACTTATGAAAAGTCACCATTTGGATTCTTAGCATTCCCTCTGAAGATATTGC AAGAAATTTGATGAAACGACAGTGTGTCCAAGTCTATATTTGAACTATGGGGTCATGG ACAATCTCTGAGGAGCTGTACAGTTCTCTTAAAAACTACCCTGTGGAGAAGATGGTTCC ATTTCTACATTCCGACTCTACATAAAAAATAAAGATTCACTTTTAATAAGACATTGAC ACAAGAAGAGAAAATCAAGCGAATAGATGCACTTGAATTTCTGCCATTTGAAGGAAAAAGT GAATTTAAAGAAACCGCAACATGTATTTTCTGTTTTGGAGGATTATGGTTTAGACCCAAA CTGCATCCCTGAGAATCCACATAATATTTATTTTGGTAGATGGATTGCAGATGGACAGAG AGAGCTTATTGAGTCATACAGTGTCAAAAAGAGACACTTTATTGGAAATACAAGTATGGA TGCTGGTTTGTCTTATTATGGCTAACCATGGAAAAGTAAAAGAAAATGATATTGTCTT TGATCCATTTGTTGGAACAGGTGGCCTGCAGATAGCATGTGCTCATTGTTGTCATATGT GTATGGGACAGACATAGACTACAACACAGTTCATGGCTTGGGAAAAGGCTACTAGGAAAAA CCAGAAGTGGAGAGGACCAGATGAAAACATTAGGGCCAATCTTCGTCATATGGTTTAGA GAAGTATTACCTTGATGTCTGGTTTCAGATGCATCTAAACCTTCTGGAGGAAGGGCAC ATATTTTATGCAATCATTACTGATCCTCCATATGGTATCAGAGAATCTACAAGAAGAAC AGGTTACAGAAGGAGATACCAAAGGGGATAGAAAAATGGGAAAAATGTCCAGAAAGCCA TGTTCTGTTTCTTGTAGTTATCATCTGAGTGTATGTTTCTTGACCTGTTAACTTCGC AGCTGAGACCCTCGTTTTAGGTGGAAGACTAGTCTATTGGTTACCGGTGTATACGCCAGA ATACACTGAAGAGATGGTGCCTTGGCACCTTGCCTGGAACCTGTTAGCAACTGCGGAGCA GAAGCTTTCCAGTCACACATCAAGGCGCTTGATACAATGGAAAAGGTGAAGAAATTTGA GAATCGGGACCAGTATTCACATCTGCTAAGTGATCATTTTCTGCCATACCAAGGTCATAA TTCTTCCGTGAGAAATATTTTAGTGGGTAACAAAAAGAATTGCCAAGGAAGAAAAATC CACCCAGGAATGAAAATTAAGATTTTGACAATGAAGAAAGAATAAGAATTTGATTTAAAA AAAAAAAAAA</pre>
Restriction Sites:	Please inquire
ACCN:	NM_001031712
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_001031712.2</u> , <u>NP_001026882.2</u>
RefSeq Size:	1967 bp
RefSeq ORF:	1392 bp
Locus ID:	60487
UniProt ID:	<u>Q7Z4G4</u>
Cytogenetics:	6q22.32
Protein Pathways:	Androgen and estrogen metabolism, Histidine metabolism, Selenoamino acid metabolism, Tyrosine metabolism
Gene 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] Transcript Variant: This variant (1) encodes the longest isoform (a).