

## Product datasheet for **SC330971**

### TREML1 (NM\_001271808) Human Untagged Clone

#### Product data:

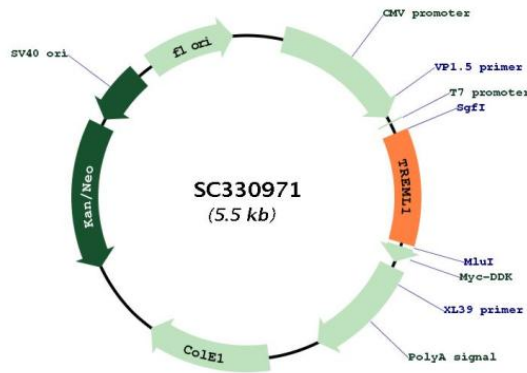
**Product Type:** Expression Plasmids  
**Product Name:** TREML1 (NM\_001271808) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** TREML1  
**Synonyms:** dj238O23.3; GLTL1825; PRO3438; TLT-1; TLT1  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC330971 representing NM\_001271808.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
ATGGGCCTCACCTGCTCTTGCTGCTGCTCCTGGGACTAGAAGAGGAAGAAGAAGAGACCCATAAGATT  
GGCAGTCTGGCTGAGAACGCATTCTCAGACCCTGCAGGCAGTGCCAACCCCTTTGGAACCCAGCCAGGAT  
GAGAAGAGCATCCCCTTGATCTGGGGTGTGCTCCTGGTAGGTCTGCTGGTGGCAGCGGTGGTGTGCTG  
TTTGCTGTGATGGCCAAGAGGAAACAAGGGAACAGGCTTGGTGTCTGTGGCCGATTCTGAGCAGCAGA  
GTTTCAGGCATGAATCCCTCCTCAGTGGTCCACCACGTCAGTGACTCTGGACCGGCTGCTGAATTGCCT  
TTGGATGTACCACACATTAGGCTTGACTCACCACCTTCATTTGACAATACCACCTACACCAGCCTACCT  
CTTGATCCCCATCAGGAAAACCTTCACTCCCAGCTCCATCCTCATTGCCCCCTCTACCTCCTAAGGTC  
CTGGTCTGCTCCAAGCCTGTGACATATGCCACAGTAATCTTCCCGGGAGGGAACAAGGGTGGAGGGACC  
TCGTGTGGGCCAGCCAGAATCCACCTAACCAATCAGACTCCATCCAGCTAA
```

**Restriction Sites:** Sgfl-Mlul



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**Plasmid Map:**


**ACCN:** NM\_001271808

**Insert Size:** 603 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).

<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_001271808.1</a>
<b>RefSeq Size:</b>	1023 bp
<b>RefSeq ORF:</b>	603 bp
<b>Locus ID:</b>	340205
<b>UniProt ID:</b>	<a href="#">Q86YW5</a>
<b>Cytogenetics:</b>	6p21.1
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>MW:</b>	20.7 kDa
<b>Gene Summary:</b>	<p>This gene encodes a member of the triggering receptor expressed on myeloid cells-like (TREM) family. The encoded protein is a type 1 single Ig domain orphan receptor localized to the alpha-granule membranes of platelets. The encoded protein is involved in platelet aggregation, inflammation, and cellular activation and has been linked to Gray platelet syndrome. Alternative splicing results in multiple transcript variants [provided by RefSeq, Nov 2012]</p> <p>Transcript Variant: This variant (3) lacks an in-frame exon in the coding region, compared to variant 1. The encoded isoform (c) is shorter compared to isoform a.</p>