

## Product datasheet for SC307138

### TREML1 (NM\_178174) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	TREML1 (NM_178174) Human Untagged Clone
Tag:	Tag Free
Symbol:	TREML1
Synonyms:	dj238O23.3; GLTL1825; PRO3438; TLT-1; TLT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307138 representing NM_178174. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGGCCTCACCTGCTCTTGCTGCTGCTCCTGGGACTAGAAGGTCAGGGCATAGTTGGCAGCCTCCCT
GAGGTGCTGCAGGCACCCGTGGGAAGCTCCATTCTGGTGCAGTGCCACTACAGGCTCCAGGATGTCAA
GCTCAGAAGGTGTGGTGCCGTTCTTGCCGGAGGGGTGCCAGCCCTGGTGTCTCAGCTGTGGATCGC
AGAGCTCCAGCGGCAGGCGTACGTTTCTCACAGACCTGGGTGGGGCCTGCTGCAGGTGGAATGGTT
ACCCTGCAGGAAGAGGATGCTGGCGAGTATGGCTGCATGGTGGATGGGGCCAGGGGGCCCGAGATTTG
CACAGAGTCTCTGAACATACTGCCCCAGAGGAAGAAGAAGAGACCCATAAGATTGGCAGTCTGGCT
GAGAACGCATTCTCAGACCCTGCAGGCAGTGCCAACCCTTTGGAACCCAGCCAGGATGAGAAGAGCATC
CCCTTGATCTGGGGTGTGTGCTCCTGGTAGGCTGCTGGTGGCAGCGGTGGTGTGTTGCTGTGATG
GCCAAGAGGAAACAAGGGAACAGGCTTGGTGTCTGTGGCCGATTCTGAGCAGCAGAGTTTCAGGCATG
AATCCCTCCTCAGTGGTCCACCACGTCAGTGACTCTGGACCGGCTGCTGAATTGCCTTTGGATGTACCA
CACATTAGGCTTGACTCACACCTTCATTTGACAATACCACCTACACCAGCCTACCTCTTGATCCCCA
TCAGGAAAACCTCACTCCAGCTCCATCCTCATTGCCCTCTACCTCCTAAGTCTGGTCTGTCTCC
AAGCCTGTGACATATGCCACAGTAATCTTCCCGGAGGGAACAAGGTTGGAGGGACCTCGTGTGGCCA
GCCCAGAATCCACCTAACAAATCAGACTCCATCCAGCTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites:	Sgfl-MluI
Plasmid Map:	<input type="checkbox"/>
ACCN:	NM_178174



[View online »](#)

<b>Insert Size:</b>	936 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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_178174.3</a>
<b>RefSeq Size:</b>	1356 bp
<b>RefSeq ORF:</b>	936 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>	32.7 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 (1) represents the longest transcript and encodes the longest isoform (a).</p>