

Product datasheet for **SC330970**

TREML1 (NM_001271807) Human Untagged Clone

Product data:

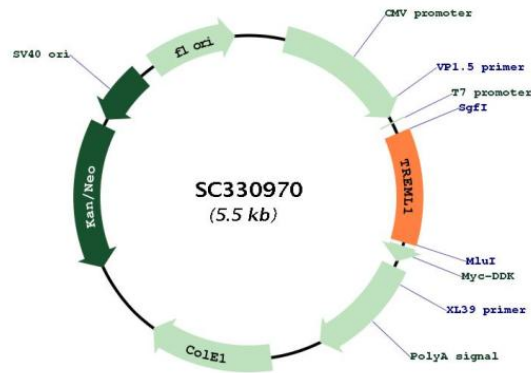
Product Type:	Expression Plasmids
Product Name:	TREML1 (NM_001271807) Human Untagged Clone
Tag:	Tag Free
Symbol:	TREML1
Synonyms:	dj238O23.3; GLTL1825; PRO3438; TLT-1; TLT1
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330970 representing NM_001271807. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGGCCTCACCTGCTCTTGCTGCTGCTCCTGGGACTAGAAGGTCAGGGCATAGTTGGCAGCCTCCCT
GAGGTGCTGCAGGCACCCGTGGGAAGCTCCATTCTGGTGCAGTGCCACTACAGGCTCCAGGATGTCAAA
GCTCAGAAGGTGTGGTGCCGTTCTTGCCGGAGGGGTGCCAGCCCTGGTGTCTCAGCTGTGGATCGC
AGAGCTCCAGCGGGCAGGCGTACGTTTCTCACAGACCTGGGTGGGGCCCTGCTGCAGGTGAAAATGGTT
ACCCTGCAGGAAGAGGATGCTGGCGAGTATGGCTGCATGGTGGATGGGGCCAGGGGGCCCCAGATTTTG
CACAGAGTCTCTGAACATACTGCCCCAGAGGAAGAAGAAGAGACCCATAAGATTGGCAGTCTGGCT
GAGAACGCATTCTCAGACCCTGCAGGCAGTGCCAACCCTTTGGAACCCAGCCAGGATGAGAAGAGCATC
CCCTTGATCTGGGGTGTGTGCTCCTGGTAGGTCTGCTGGTGGCAGCGGTGGTGTGTTGCTGTGATG
GCCAAGAGGAAACAAGAAATCCCTCCTCAGTGGTCCACCACGTCAGTGA
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN: NM_001271807

Insert Size: 600 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:	<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:	NM_001271807.1
RefSeq Size:	1303 bp
RefSeq ORF:	600 bp
Locus ID:	340205
UniProt ID:	Q86YW5
Cytogenetics:	6p21.1
Protein Families:	Druggable Genome, Transmembrane
MW:	21.3 kDa
Gene Summary:	<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 (2) lacks an exon in the coding region which results in a frameshift, compared to variant 1. The encoded isoform (b) is shorter and has a distinct C-terminus, compared to isoform a.</p>