

**Specifications:**

Gene:	mTrem1
Accession:	NP_001276386
Insert size:	966bp
Concentration:	10µg at 0.2µg/µL

**Description**

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

**Preparation and Storage**

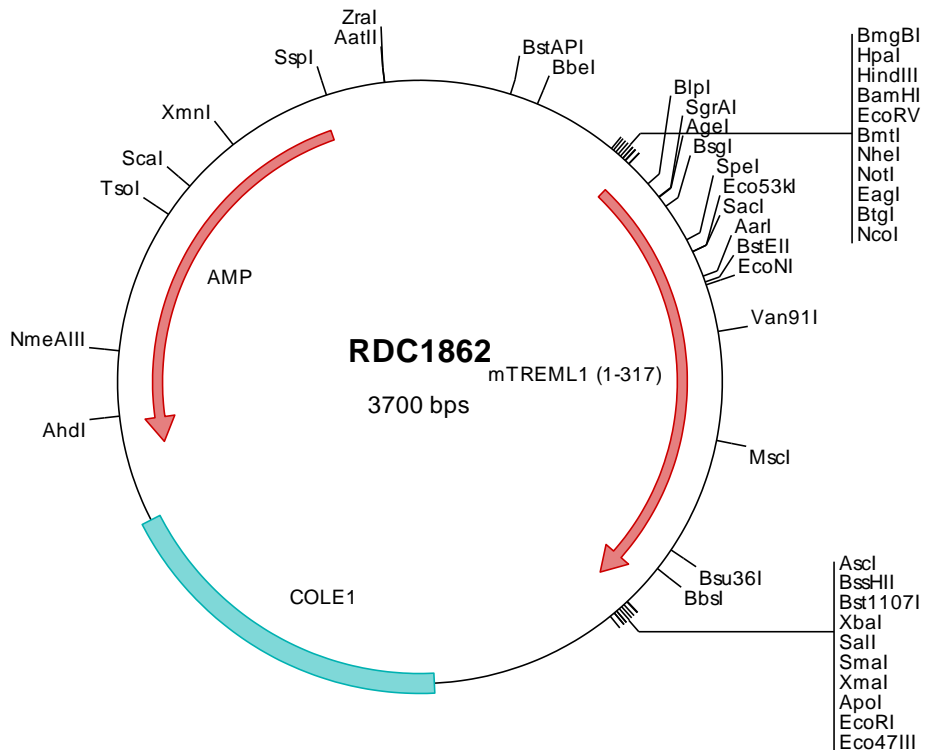
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**mTREML1/TLT-1  
cDNA Plasmid**

**Trem1 triggering receptor  
expressed on myeloid cells-like 1  
[ *Mus musculus* (house mouse) ]**

**Also known as:** TLT-1;  
5430401J17Rik

**Summary:**  
TREML1 is a member of the triggering receptor expressed on myeloid cells-like (TREM) family. It is type 1 single Ig domain orphan receptor localized to the alpha-granule membranes of platelets. TREML1 is involved in platelet aggregation, inflammation, and cellular activation and has been linked to Gray platelet syndrome.



> RDC1862 Plasmid DNA Sequence

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> RDC1862 Translated Insert Sequence

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301  scepvqdpn  sqtppsk

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