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# Datasheet for ABIN5510688

# **TREML1 ELISA Kit**



Image



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### Overview

Quantity:	96 tests
Target:	TREML1
Binding Specificity:	AA 16-162
Reactivity:	Human
Method Type:	Sandwich ELISA
Application:	ELISA
Product Details	
Purpose:	Sandwich High Sensitivity ELISA kit for Quantitative Detection of Human TREML1
Brand:	PicoKine™
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	Expression system for standard: NSO
	Immunogen sequence: Q16-P162
Cross-Reactivity (Details):	There is no detectable cross-reactivity with other relevant proteins.
Characteristics:	Tissue Specificity: Detected in platelets, monocytic leukemia and in T-cell leukemia
Target Details	
Target:	TREML1
Alternative Name:	TREML1 (TREML1 Products)

### **Target Details**

### Background:

Protein Function: Cell surface receptor that may play a role in the innate and adaptive immune response. .

Background: Trem-like transcript 1 protein is a protein that in humans is encoded by the TREML1 gene. 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. This 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.

Synonyms: Trem-like transcript 1 protein, TLT-1, Triggering receptor expressed on myeloid cells-like protein 1, TREML1, TLT1, UNQ1825/PRO3438,

Full Gene Name: Trem-like transcript 1 protein

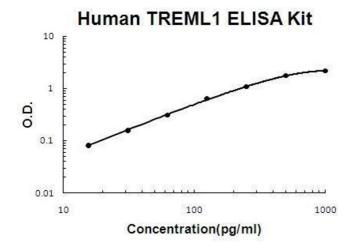
Cellular Localisation: Cell membrane, Single-pass type I membrane protein . Cytoplasm . Sequestered in cytoplasmic vesicles in resting platelets (PubMed:15100151). Transported to the cell surface after stimulation by thrombin (PubMed:15100151). Soluble fragments can be released into the serum by proteolysis (PubMed:16505478).

UniProt:

Q86YW5

# **Application Details**

Plate:	Pre-coated Pre-coated
Restrictions:	For Research Use only
Handling	
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for 6 months, at -20°C for 12 months. Avoid multiple freeze-thaw cycles(Shipped with wet ice.)
Expiry Date:	12 months



## **ELISA**

**Image 1.** Human TREML1 PicoKine ELISA Kit standard curve