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Datasheet for ABIN7275752

## TREML1 Protein (AA 21-175) (Fc Tag)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	TREML1
Protein Characteristics:	AA 21-175
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TREML1 protein is labelled with Fc Tag.

#### Product Details

Purpose:	Mouse TLT-1/TREML1 Protein
Sequence:	Asp21-Gln175
Characteristics:	Recombinant Mouse TLT-1/TREML1 Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asp21-Gln175.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

#### Target Details

Target:	TREML1
Alternative Name:	TLT-1 ( <a href="#">TREML1 Products</a> )

## Target Details

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**Background:** Triggering receptor expressed on myeloid cells (TREM)-like transcript-1 (TLT-1) is an immunoreceptor tyrosine-based inhibitory motif (ITIM)-bearing TREM family protein. Triggering receptor expressed on myeloid cells (TREM) like transcript-1 (TLT-1) is a membrane protein receptor found in alpha-granules of platelets and megakaryocytes.

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**Molecular Weight:** 43.61 kDa. Due to glycosylation, the protein migrates to 50-55 kDa based on Tris-Bis PAGE result.

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## Application Details

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**Restrictions:** For Research Use only

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## Handling

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**Format:** Lyophilized

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**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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**Buffer:** Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.

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**Storage:** -20 °C,-80 °C

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**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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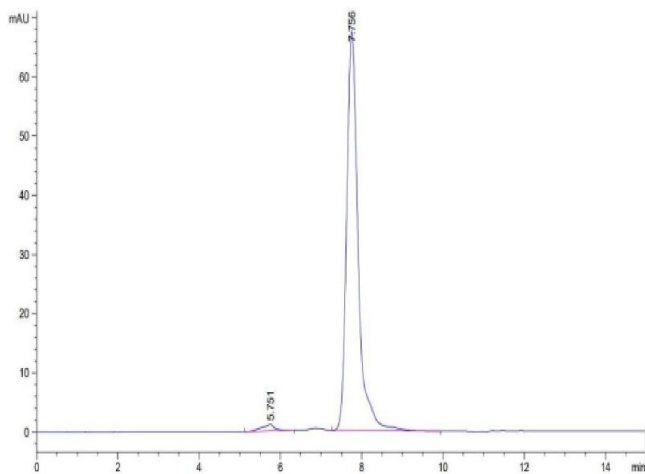
**Expiry Date:** 12 months

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### SDS-PAGE

**Image 1.** Mouse TLT-1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



### Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 2.** The purity of Mouse TLT-1 is greater than 95 % as determined by SEC-HPLC.