

Datasheet for ABIN7275749

TREML2 Protein (AA 19-268) (His tag)**2** Images[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	TREML2
Protein Characteristics:	AA 19-268
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TREML2 protein is labelled with His tag.

Product Details

Purpose:	Human TREML2/TLT-2 Protein
Sequence:	Gly19-Ser268
Characteristics:	Recombinant Human TREML2/TLT-2 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gly19-Ser268.
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:	TREML2
Alternative Name:	TREML2 (TREML2 Products)

Target Details

Background: As an important family member of triggering receptor expressed on myeloid cells (TREM), TREM-like transcript 2 gene (TREML2) locates on human chromosome 6p21.1, a newly-identified hot zone for AD susceptibility, and encodes a transmembrane immune receptor. Emerging evidence implied a potential role of TREML2 in the susceptibility and pathogenesis of AD.

Molecular Weight: 28.2 kDa. Due to glycosylation, the protein migrates to 73-80 kDa based on Tris-Bis PAGE result.

UniProt: [Q5T2D2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

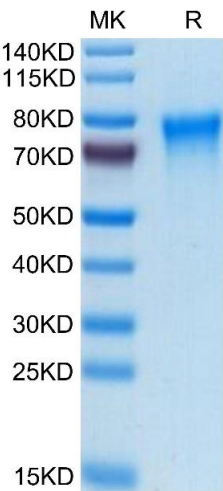
Reconstitution: Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

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

Storage: -20 °C, -80 °C

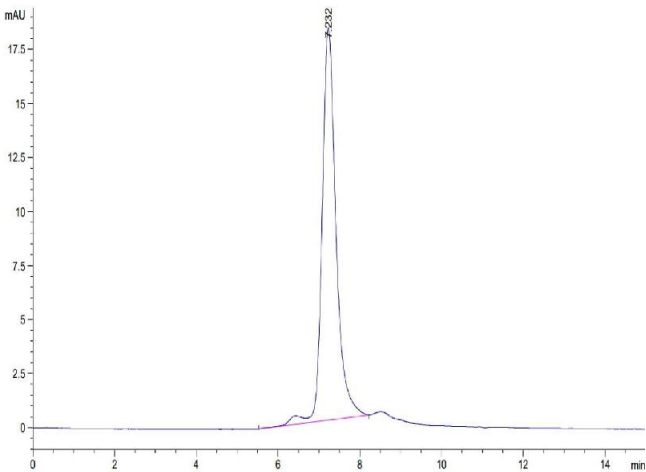
Storage Comment: -20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human TREML2/TLT-2 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 Human TREML2/TLT-2 is greater than 95 % as determined by SEC-HPLC.