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Datasheet for ABIN7319113 **TREML2 Protein (Fc Tag)**

Overview

Quantity:	50 µg
Target:	TREML2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TREML2 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human TREML2/TLT2 Protein (Fc Tag)
Sequence:	Gly19-Ser268
Characteristics:	Recombinant Human Triggering Receptor Expressed on Myeloid Cells-like Protein 2 is produced by our Mammalian expression system and the target gene encoding Gly19-Ser268 is expressed with a Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	TREML2
Alternative Name:	TREML2/TLT2 (TREML2 Products)
Background:	Background: Trem-like transcript 2 protein (TLT2), also known as Triggering receptor expressed on myeloid cells-like protein 2, TLT2 and C6orf76, is single-pass type I membrane protein.

Target Details

TREML2 contains one Ig-like V-type domain, which can be induced in CD4 T-cell by concanavalin-A. As a cell surface receptor, TREML2 may play a role in the innate and adaptive immune response. TREML2 also acts as a counter-receptor for CD276 and interaction with CD276 on T-cells enhances T-cell activation. It has shown that TREML2 may be involved in the innate immune response based on its expression profile and the fact that it is up-regulated in response to inflammation.

Synonym: Trem-like transcript 2 protein, TLT2, Triggering receptor expressed on myeloid cells-like protein 2, TLT2, C6orf76

Molecular Weight: 54.2 kDa

UniProt: [Q5T2D2](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.