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Datasheet for ABIN1880648

**TREML2 Protein (AA 19-268) (Fc Tag)**

## Overview

Quantity:	50 µg
Target:	TREML2
Protein Characteristics:	AA 19-268
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/TLT-2 (C-Fc)
Sequence:	GPSADSVYTK VRLLEGETLS VQCSYKGYKN RVEGKVVCKI RKKKCEPGFA RVWVKGPRYL LQDDAQAKVV NITMVALKLQ DSGRYWCMRN TSGILYPLMG FQLDVSPAPQ SERNIPFTHL DNILKSGTVT TGQAPTSGPD APFTTGVMVF TPGLITLRL LASTRPASKT GYSFTATSTT SQGPRRTMGS QTVTASPSNA RDSSAGPESI STKSGDLSTR SPTTGLCLTS RLLNRLPSM PSIRHQDVYS VDDIEGRMDE PKSCDKTHTC PPCPAPELLG GPSVFLFPPK PKDTLMISRT PEVTCVVVDV SHEDPEVKFN WYVDGVEVHN AKTKPREEQY NSTYRVSVL TVLHQDWLNG KEYKCKVSNK ALPAIEKTI SKAKGQPREP QVYTLPPSRE EMTKNQVSLT CLVKGFYPSD IAVEWESNGQ PENNYKTPP VLDSGGSFFL YSKLTVDKSR WQQGNVFSCS VMHEALHNHY TQKSLSLSPG K
Characteristics:	Recombinant Human Trem-like transcript 2 protein/TREML2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gly19-Ser268) of Human TREML2 fused with a FC tag at the C-terminus.

## Product Details

Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

## Target Details

Target:	TREML2
Alternative Name:	Trem-Like Transcript 2 Protein/TREML2 ( <a href="#">TREML2 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>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. 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.</p> <p>Alternative Names: Trem-like transcript 2 protein,TLT2, Triggering receptor expressed on myeloid cells-like protein 2, TLT2,C6orf76,</p>
Molecular Weight:	54.2 kDa
UniProt:	<a href="#">Q5T2D2</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH2O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 .
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.

## Handling

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Storage: 4 °C/-20 °C/-80 °C

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Storage Comment: Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.  
Reconstituted protein solution can be stored at 4-7°C for 2-7 days.  
Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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Expiry Date: 3 months