

## 32-7879: Recombinant Human TREML2/TLT-2 (C-Fc)

**Gene :** TREML2  
**Gene ID :** 79865  
**Uniprot ID :** Q5T2D2

### Description

Source: Human Cells.  
MW :54.2kD.

Recombinant Human TREML2 is produced by our Mammalian expression system and the target gene encoding Gly19-Ser268 is expressed with a Fc tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg

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

**Storage condition :** 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.

**Amino Acid :** GPSADSVYTKVRLLEGETLSVQCSYKGYKNRVEGKVVWCKIRKKKCEPGFARVWVKGPVRYLLQDDAQAKVNVIT  
MVALKLQDSGRYWCNRNTSGILYPLMGFQLDVSPAPQSERNIPFTHLDNLIKSGTVTTGQAPTSQPDAPFTTG  
MVFTPLGLITLPRLLASTRPASKTGYFTATSTTSQGPRRTMGSQVTASPSNARDSSAGPESISTKSGDLSTRSP  
TTGLCLTSRLLNRLPSMPSIRHQDVYSVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMI  
SRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSN  
KALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDS  
DGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.