

## 32-8734: Recombinant Mouse TREML2/TLT-2 (C-6His)

**Gene :** Trem12  
**Gene ID :** 328833  
**Uniprot ID :** Q2LA85

### Description

Source: Human Cells.

MW :28.4kD.

Recombinant Mouse TREML2 is produced by our Mammalian expression system and the target gene encoding His25-Ala270 is expressed with a 6His 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, pH7.4.

**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 :** HSNNLYRKVWRREGETLSVQCSYKNRRNLVEAKSWCKVKKKKCDHNFTRSWVRGPSYSLRDDAKVKVVRIT  
MEALRVQDSGRYWCNRNTAGHFYPLVGFQLEVYPALTTERNVPHTHLTNTPMDFVTTGQVHISDPHAPFTS  
DVTMFTSEVTMFTSGLLTLASGTTTPTVPTGYSFIDTSGTVTEPERNTESQPATLSPSNARSFSADPVTSTMSR  
HQSSSLSTTGTCPLTPNRSQETYIPAHHHHHH

### Application Note

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