

## 32-8565: Recombinant Mouse TRANCE/RANK L/TNFSF11 (C-6His)

**Gene :** Tnfsf11  
**Gene ID :** 21943  
**Uniprot ID :** O35235

### Description

Source: Human Cells.  
MW :28.5kD.

Recombinant Mouse TNF-related Activation-induced Cytokine is produced by our Mammalian expression system and the target gene encoding Ala73-Asp316 is expressed with a 6His tag at the C-terminus. Mouse tumor necrosis factor ligand superfamily member 11(Tnfsf11) is a member of the tumor necrosis factor (TNF) cytokine family. Tnfsf11 is widely expressed in cells including T cells and T cell rich organs, such as thymus and lymph nodes. This cytokine can bind to TNFRSF11B/OPG and TNFRSF11A/RANK. Tnfsf11 is involved in a number of fundamental biological processes such as acting as regulator of interactions between T-cells and dendritic cells, the regulation of the T-cell-dependent immune response and enhancing bone-resorption in humoral hypercalcemia of malignancy. It augments the ability of dendritic cells to stimulate naive T-cell proliferation.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 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 :** AQMDPNRISEDSTHCFYRILRLHENAGLQDSTLESEDTLPDSCRMMKQAFQGVQKELQHIVGPQRFSGAPAM  
MEGSWLDVAQRGKPEAQPFALHTINAASIPSGSHKVTLSSWYHDRGWAKISNMTLSNGKLRVNQDGFYLYA  
NICFRHHETSGSVPTDYLQLMVYVVKTSIKIPSSHNLKGGSTKNWSGNSEHFYSINVGFFKLRAGEEISIQV  
SNPSLLDPDQDATYFGAFKVQDIDVDHHHHHH

### Application Note

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