

## Recombinant Mouse RANK L V2

**Catalog No :** PMK2157

**Known As:** Tumor necrosis factor ligand superfamily member 11; Tnfsf11; Osteoclast differentiation factor; ODF; Osteoprotegerin ligand; OPGL; Receptor activator of nuclear factor kappa-B ligand; RANKL; TNF-related activation-induced cytokine; TRANCE; CD254

### PROPERTIES

Description	Recombinant Mouse Tumor necrosis factor ligand superfamily member 11 is produced by our Mammalian expression system and the target gene encoding Lys158-Asp316 is expressed with a 6His, Flag tag at the N-terminus.
Accession	O35235-1
Formulation	Supplied as a 0.2 µm filtered solution of 20mM His-HCl, 100mM NaCl, 10% Trehalose, 0.05% Tween80, pH5.5
Size	10µg/50µg/500µg/1mg
Purity	> 95%
Endotoxin	< 0.01 EU/µg as determined by LAL test.
Predicted Mol Mass	23 KDa
Apparent Mol Mass	23-29 KDa, reducing conditions.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Background	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.

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