

## Product datasheet for **TP727301**

### Mouse Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Mouse TRANCE/RANK L/TNFSF11 (C-6His)
<b>Species:</b>	Mouse
<b>Expression cDNA Clone or AA Sequence:</b>	Ala73-Asp316
<b>Tag:</b>	C-His
<b>Buffer:</b>	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
<b>Note:</b>	Recombinant Mouse TNF-related Activation-induced Cytokine is produced by our Mammalian expression system and the target gene encoding Arg72-Asp316 is expressed with a 6His tag at the N-terminus.
<b>Storage:</b>	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.
<b>Stability:</b>	12 months from date of despatch
<b>Synonyms:</b>	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
<b>Summary:</b>	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 andTNFRSF11A/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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