

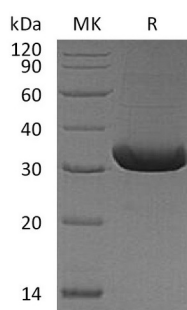
Product Name: Recombinant Mouse RANK L (N-6His)
Catalog #: PHM1412



Summary

Name	RANK L/TRANCE/TNFSF11/CD254/OPGL
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse TNF-related Activation-induced Cytokine is produced by our Mammalian expression system and the target gene encoding Arg43-Asp287 is expressed with a 6His tag at the N-terminus.
Accession #	BAA97257.1
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	28.3 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 8% Trehalose, 2% Mannitol, 0.05% Tween80, pH 9.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&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.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

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Alternative Names

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

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.

Note

For Research Use Only , Not for Diagnostic Use.