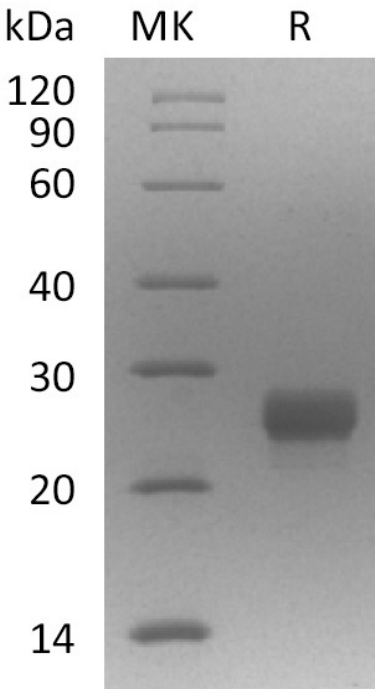
Product Name: Recombinant Mouse RANK L V2
Catalog #: PHM2458

Summary

Name	RANK L
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<0.01 EU/μg as determined by LAL test.
Construction	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
Host	Human cells
Species	Mouse
Predicted Molecular Mass	23 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM His-HCl,100mM NaCl,10% Trehalose,0.05% Tween80, pH5.5
Shipping	The product is shipped on dry ice/polar packs. 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	0.00.0

SDS-PAGE image

Product Name: Recombinant Mouse RANK L V2
Catalog #: PHM2458



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 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.

Note

For Research Use Only , Not for Diagnostic Use.