RANK L/TNFSF11 Protein, Human (HEK293, hFc)

Cat. No.:	HY-P73387
Synonyms:	Tumor necrosis factor ligand superfamily member 11; RANKL; CD254; ODF; OPGL; TNFSF11; TRANCE
Species:	Human
Source:	HEK 293
Accession:	AAC51762.1 (G64-D245)
Gene ID:	/
Molecular Weight:	50-55 kDa

PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized human TNFRSF11B-His at 10 μg/mL (100 μL/well) can bind human Fc-TNFSF11 with a linear range of 3.125-200 ng/mL. The bioactivity of hRANKL was determined by measuring the ability of hRANKL to induce TRAP activity in Raw 264.7 cells and the ED_{50} is typically 7-35 ng/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized a 0.2 μm filtered solution of PBS, pH 7.4
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

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