



Certificate of Analysis

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

Cat. No.:	HY-P73682
Batch No.:	149046
Species:	Human
Source:	HEK293
Tag:	N-mFc
Accession:	O14788-2 (G63-D244)
Gene ID:	8600
Molecular Weight:	50-60 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.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 16 ng/mL. 2.Measured by its binding ability in a functional ELISA. Immobilized Human TNFRSF11B His at 2 μg/mL (100 μl/well) can bind Human RANKL mFc, the EC ₅₀ of Human RANKL mFc is 15-80 ng/mL.	16 ng/mL (Test by method 1) Pass (Test by method 2)
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C for 2 years. 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.	

Caution: Product has not been fully validated for medical applications. For research use only.

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