



Certificate of Analysis

RANKL/TNFSF11 Protein, Human (HEK293, His-Flag)

Cat. No.: HY-P78376
Batch No.: 277854
Species: Human
Source: HEK293
Tag: N-His;N-Flag
Accession: O14788-2 (G63-D244)
Gene ID: 8600
Molecular Weight: 35-60 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by Tris-Bis PAGE.	≥90.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human RANKL, His Tag at 2 μg/mL (100 μl/well) on the plate. Dose response curve for Human TNFRSF11A, hFc Tag with the EC ₅₀ of 13.3 ng/mL determined by ELISA.	13.3 ng/mL
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. 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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