



Certificate of Analysis

RANKL/TNFSF11 Protein, Cynomolgus (HEK293, Fc)

Cat. No.: HY-P75999
Batch No.: 341373
Species: Cynomolgus
Source: HEK293
Tag: N-hFc
Accession: A0A7N9DBU4 (G136-D317)
Gene ID: /
Molecular Weight: Approximately 55 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	The bioactivity was determined by measuring the ability of RANKL to induce TRAP activity in RAW 264.7 cells. The ED ₅₀ for this effect is 8.028 ng/mL, corresponding to a specific activity is 1.246×10 ⁵ U/mg	8.028 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. 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 for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). 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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