



# Certificate of Analysis

## TNFRSF11B/OPG Protein, Rhesus Macaque (hFc)

Cat. No.:	HY-P74661
Batch No.:	331434
Species:	Rhesus Macaque
Source:	HEK293
Tag:	C-hFc
Accession:	XP_001096915 (M28-L428)
Gene ID:	701850
Molecular Weight:	Approximately 80-95 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/µg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit TRAIL-mediated cytotoxicity using L 929 mouse fibroblast cells treated with TRAIL. The ED <sub>50</sub> for this effect is 6.472 ng/mL in the presence of 20 ng/mL of recombinant human TRAIL, corresponding to a specific activity is 1.545×10 <sup>[5]</sup> units/mg.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> 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 (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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA