



# Certificate of Analysis

## CSF1R Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P70124
Batch No.:	287388
Species:	Cynomolgus
Source:	HEK293
Tag:	C-6*His
Accession:	XP_005558297.1/A0A2K5WG90 (I20-P517)
Gene ID:	102124214
Molecular Weight:	80-120 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the M-CSF-induced proliferation of M-NFS-60 mouse myelogenous leukemia lymphoblast cells. The ED <sub>50</sub> for this effect is 0.003272 μg/mL in the presence of 1 ng/mL of Recombinant Human M-CSF, corresponding to a specific activity is 3.06×10 <sup>5</sup> units/mg.	0.003272 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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. 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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