



Certificate of Analysis

CSF1R Protein, Human (HEK293)

Cat. No.:	HY-P72948
Batch No.:	279394
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	P07333/NP_005202.2 (I20-E512)
Gene ID:	1436
Molecular Weight:	80-120 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥90.0%
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 ED50 for this effect is 0.01 μg/mL in the presence of 1 ng/mL of human M-CSF, corresponding to a specific activity is 1×10 ⁵ units/mg.	PASS
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. 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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