



Certificate of Analysis

M-CSF Protein, Human (HEK293, Fc)

Cat. No.:	HY-P73829
Batch No.:	307693
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	P09603 (E33-R255)
Gene ID:	1435
Molecular Weight:	Approximately 51.9 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	93.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using M-NFS-60 mouse myelogenous leukemia lymphoblast cell. The ED ₅₀ for this effect is typically 3-15 ng/mL.	13 ng/mL
Appearance	Solution	
Concentration	0.59 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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