



Certificate of Analysis

Cardiotrophin-1/CTF1 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P72871
Batch No.:	157211
Species:	Human
Source:	HEK293
Tag:	N-hFc
Accession:	Q16619 (S2-A201)
Gene ID:	1489
Molecular Weight:	54&37 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 80% as determined by reducing SDS-PAGE	96.10%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells and the ED ₅₀ is typically 0.015-0.06 μg/mL.	0.017 μg/mL
Appearance	Solution.	
Concentration	1.51 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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