



Certificate of Analysis

CNTF Protein, Human (His)

Cat. No.:	HY-P72943
Batch No.:	384955
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-His
Accession:	P26441 (A2-M200)
Gene ID:	1270
Molecular Weight:	27-30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	97.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED ₅₀ for this effect is typically 1-4 μg/mL.	PASS
Appearance	Solution	
Concentration	0.60 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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