



Certificate of Analysis

GMP IL-2 Protein, Human

Cat. No.:	HY-P78551
Batch No.:	212840
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P60568 (A21-T153)
Gene ID:	3558
Molecular Weight:	Approximately 15.5 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.50%
Endotoxin Level	<0.005 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using CTLL2 and the ED ₅₀ for this effect is typically 1-8 ng/mL.	5 ng/mL
Appearance	Solution.	
Concentration	1.58 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA