



Certificate of Analysis

GMP IL-3 Protein, Human (His)

Cat. No.:	HY-P70576G
Batch No.:	256060
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-6*His
Accession:	P08700 (A20-F152)
Gene ID:	3562
Molecular Weight:	13-16 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.20%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells and The specific activity is about $>3.3 \times 10^6$ IU/mg.	1.0×10^7 IU/mg
pH Value	7.4	
Host Cell Protein (ELISA)	<1 ng per mg of protein	
Host Cell DNA (qPCR)	<0.01 μg per mg of protein	
Mycoplasma	Negative	
Sterility	PASS	
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in injection water.	
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.

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