



# Certificate of Analysis

## IL-3 Protein, Human (His-Avi)

Cat. No.:	HY-P78465
Batch No.:	243039
Species:	Human
Source:	<i>E. coli</i>
Tag:	N-His;N-Avi
Accession:	P08700 (A20-F152)
Gene ID:	3562
Molecular Weight:	Approximately 16.9 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human IL-3 His at 5 μg/mL (100 μL/Well) on the plate. Dose response curve for Human IL-3 R alpha hFc with the EC <sub>50</sub> < 0.61 μg/mL determined by ELISA.	42.7 ng/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
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](mailto:tech@MedChemExpress.com)

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