



# Certificate of Analysis

## IL-7 Protein, Mouse (HEK293, His)

**Cat. No.:** HY-P70566  
**Batch No.:** 110281  
**Species:** Mouse  
**Source:** HEK293  
**Tag:** C-6\*His  
**Accession:** P10168 (E26-I154)  
**Gene ID:** 16196  
**Molecular Weight:** 22-28 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using PHA-activated human peripheral blood lymphocytes (PBL). The ED <sub>50</sub> for this effect is 60-1000 pg/mL.	141.07 pg/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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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