



# Certificate of Analysis

## GMP IL-18 Protein, Human (HEK293, His)

Cat. No.:	HY-P70760G
Batch No.:	154855
Species:	Human
Source:	HEK293
Tag:	C-6*His
Accession:	Q14116 (Y37-D193)
Gene ID:	3606
Molecular Weight:	Approximately 17 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.30%
Endotoxin Level	<0.1 EU/μg, determined by LAL method.	PASS
Biological Activity	The specific activity is > 1×10 <sup>5</sup> U/mg by ELISA.	1.44 E2 IU/mg
pH Value	7.4	
Host Cell Protein (ELISA)	0.004 μg per mg of protein	
Host Cell DNA (qPCR)	0.007 ng 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 (with carrier protein). 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