



# Certificate of Analysis

## IFN-omega Protein, Human (HEK293, His)

Cat. No.:	HY-P72610
Batch No.:	291837
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	P05000 (L22-S195)
Gene ID:	3467
Molecular Weight:	24-30 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	Human IFNAR1, His Tag immobilized on CM5 Chip can bind Human Interferon omega-1, His Tag with an affinity constant of 20.96 μM as determined in SPR assay (Biacore T200).	PASS
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