



Certificate of Analysis

IL-10 Protein, Human (CHO)

Cat. No.:	HY-P7030A
Batch No.:	289208
Species:	Human
Source:	CHO
Tag:	Tag Free
Accession:	P22301 (S19-N178)
Gene ID:	3586
Molecular Weight:	18-19 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized human IL10 at 10 μg/mL (100 μl/well) can bind Cynomolgus IL10RA. The ED ₅₀ for this effect is 1.732 μg/mL.	1.732 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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.

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