



Certificate of Analysis

IL-10 Protein, Human

Cat. No.:	HY-P7030
Batch No.:	147427
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P22301 (S19-N178)
Gene ID:	3586
Molecular Weight:	Approximately 18.6 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	94.80%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.The ED ₅₀ is typically 0.5-2.5 ng/mL as measured by MC/9-2 mouse mast cells in a cell proliferation assay. 2.Immobilized human IL10 at 10 μg/mL (100 μL/well) can bind Cynomolgus IL10RA-Fc and the EC ₅₀ of Cynomolgus IL10RA-Fc is 0.24-0.56 μg/mL.	2.2 ng/mL (Test by method 1) Pass (Test by method 2)
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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 (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.

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