



Certificate of Analysis

IL-10 Protein, Human

Cat. No.: HY-P7030
 Batch No.: 406138
 Species: Human
 Source: *E. coli*
 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.	95.90%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1.The ED ₅₀ is typically 1- 8 ng/mL as measured by MC/9-2 mouse mast cells in a cell proliferation assay. 2.Immobilized human IL10 at 2 μg/mL (100 μL/well) can bind Cynomolgus IL10RA-Fc and the EC ₅₀ of Cynomolgus IL10RA-Fc is 0.1-0.3 μg/mL.	2.3 ng/mL (Test by method 1) 0.103 μg/mL (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.

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