



Certificate of Analysis

IL-10R alpha Protein, Rhesus Macaque (HEK293, Fc)

Cat. No.:	HY-P76987
Batch No.:	288403
Species:	Rhesus Macaque
Source:	HEK293
Tag:	C-hFc
Accession:	XP_001092736 (T9-N245)
Gene ID:	704383
Molecular Weight:	Approximately 51.8 kDa.

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.20%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	<p>1. Measured by its binding ability in a functional ELISA. Immobilized Rhesus IL10RA-Fc at 10 μg/mL (100 μl/well) can bind biotinylated human IL10, The EC₅₀ of biotinylated human IL10 is 39.0-92.0 ng/mL.</p> <p>2. Measured by its ability to inhibit IL-10 dependent proliferation of MC/9 mouse mast cells. Approximately 0.1-0.4 μg/mL of IL-10Ra will inhibit 50% of the biological response induced by 10 ng/mL of recombinant human IL-10.</p>	<p>PASS (Test by method 1) 0.1 μg/mL (Test by method 2)</p>
Appearance	Solution	
Concentration	0.55 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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