



Certificate of Analysis

IL-4 Protein, Rhesus macaque

Cat. No.:	HY-P71859
Batch No.:	424474
Species:	Rhesus Macaque
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P51492 (H25-153S)
Gene ID:	574281
Molecular Weight:	Approximately 14.9 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	97.84%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by a cell proliferation assay using human TF-1 cells is less than 1.0 ng/mL, corresponding to a specific activity of >1.0x10 ⁶ IU/mg.	<1 ng/mL
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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