



Certificate of Analysis

IL-10R alpha Protein, Human (HEK293)

Cat. No.:	HY-P700639
Batch No.:	272754
Species:	Human
Source:	HEK293
Tag:	Tag Free
Accession:	Q13651 (H22-N235)
Gene ID:	3587
Molecular Weight:	36-42 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human IL-10 at 5 μg/mL (100 μL/well) can bind Biotinylated Human IL10RA. The ED ₅₀ for this effect is 8 ng/mL, corresponding to a specific activity is 1.25×10 ⁵ Unit/mg.	8 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. 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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