



# Certificate of Analysis

## IL-2 Protein, Human (Biotinylated, HEK293, Fc-Avi)

Cat. No.:	HY-P78858
Batch No.:	287413
Species:	Human
Source:	HEK293
Tag:	C-Avi;N-hFc
Accession:	P60568 (A21-T153)
Gene ID:	3558
Molecular Weight:	45-50 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	98.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human IL2RA at 5 μg/mL can bind Biotinylated Human IL2, the EC <sub>50</sub> is 32.94-82.61 ng/mL.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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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