



# Certificate of Analysis

## IL-2 Protein, Mouse (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78151
Batch No.:	239366
Species:	Mouse
Source:	HEK293
Tag:	N-His;N-Avi
Accession:	P04351-1 (A21-Q169)
Gene ID:	16183
Molecular Weight:	27-30 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Mouse IL-2 R alpha, His Tag at 2 μg/ml (100 μl/well) on the plate. Dose response curve for Biotinylated Mouse IL-2, His Tag with the EC <sub>50</sub> of 67.3-95.8 ng/ml determined by ELISA.	67.3 ng/mL
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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