



# Certificate of Analysis

## IL-2 Protein, Human (C145S)

Cat. No.:	HY-P70775
Batch No.:	239199
Species:	Human
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	P60568 (P22-T153,C145S)
Gene ID:	3558
Molecular Weight:	Approximately 14.0 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.	PASS
Biological Activity	The cell proliferation assay using CTLL-2 mouse cytotoxic T cells has an ED <sub>50</sub> value of 90-270 pg/mL.	217 pg/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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