



Certificate of Analysis

IL-2R alpha/CD25 Protein, Human (191a.a, HEK293, His)

Cat. No.:	HY-P7215
Batch No.:	97564
Species:	Human
Source:	HEK293
Tag:	N-His
Accession:	P01589 (L23-C213)
Gene ID:	3559
Molecular Weight:	Approximately 42 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	The ED ₅₀ is <1.5 μg/mL as measured by murine CTLL-2 cells.	0.8 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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