



Certificate of Analysis

IL-2R alpha/CD25 Protein, Human (HEK293, Fc)

Cat. No.: HY-P7374
Batch No.: 320934
Species: Human
Source: HEK293
Tag: C-hFc
Accession: P01589 (E22-C213)
Gene ID: 3559
Molecular Weight: Approximately 60-80 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human IL-2RA-Fc at 5 μg/mL (100 μl/well) can bind Human IL-2-His. The ED ₅₀ is 17.52 ng/mL.	17.52 ng/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 (with carrier protein). 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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