



Certificate of Analysis

IL-2R alpha/CD25 Protein, Mouse (HEK293, hFc)

Cat. No.:	HY-P74811
Batch No.:	240992
Species:	Mouse
Source:	HEK293
Tag:	C-hFc
Accession:	P01590 (M1-K236)
Gene ID:	16184
Molecular Weight:	Approximately 51.4 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	97.30%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Recombinant Human IL2 Protein, Low Endotoxin at 2 μg/mL (100 μL/well) can bind Recombinant Mouse CD25 / IL2RA Protein (Fc Tag), The EC ₅₀ is 28-90 ng/mL.	PASS
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA