



Certificate of Analysis

IL-13R alpha 2 Protein, Human (HEK293, His)

Cat. No.:	HY-P75827
Batch No.:	289393
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q14627/NP_000631.1 (D27-L342)
Gene ID:	3598
Molecular Weight:	46-50 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	Measured by its ability to inhibit IL-13-dependent proliferation of TF-1 human erythroleukemic cells. The ED_{50} for this effect is 0.053 μg/mL in the presence of 8 ng/mL recombinant human IL-13, corresponding to a specific activity is 1.880×10^4 U/mg.	0.053 μg/mL
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