



Certificate of Analysis

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

Cat. No.:	HY-P75834
Batch No.:	425691
Species:	Rat
Source:	HEK293
Tag:	C-6*His
Accession:	Q8VHK6 (L24-K336)
Gene ID:	171060
Molecular Weight:	Approximately 43-55 kDa due to the glycosylation.

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	Measured by its ability to inhibit IL-13-dependent proliferation of TF-1 human erythroleukemic cells. The ED ₅₀ for this effect is 0.07684 μg/mL in the presence of 8 ng/mL of recombinant mouse IL-13, corresponding to a specific activity is 1.30 × 10 ⁴ U/mg.	0.07684 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 (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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