



# Certificate of Analysis

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

**Cat. No.:** HY-P75832  
**Batch No.:** 282189  
**Species:** Mouse  
**Source:** HEK293  
**Tag:** C-His  
**Accession:** NP\_032382.1 (L22-K334)  
**Gene ID:** 16165  
**Molecular Weight:** 40-60 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	1. Measured by its ability to inhibit IL-13-dependent proliferation of TF-1 <i>human erythroleukemic cells</i> . The $ED_{50}$ for this effect is 0.017 μg/mL in the presence of 8 ng/mL of recombinant mouse IL-13, corresponding to a specific activity is $5.88 \times 10^4$ units/mg.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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.**

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