



Certificate of Analysis

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

Cat. No.: HY-P75830
Batch No.: 295284
Species: Mouse
Source: HEK293
Tag: C-mFc
Accession: O88786 (L22-K334)
Gene ID: 16165
Molecular Weight: Approximately 62.84 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	96.30%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	1. Measured by its ability to inhibit mIL13-dependent proliferation of TF-1 human erythroleukemic cells. The ED ₅₀ for this effect is typically ≤30 ng/mL in the presence of 4 ng/mL of mIL13. 2. Immobilized mIL13RA2-mFc(mIgG2a) at 10 μg/mL (100 μL/well) can bind IL13/Biotin, the EC ₅₀ of IL13/Biotin is 20-50 ng/mL.	1 ng/mL (Test by method 1) Pass (Test by method 2)
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.

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