



# Certificate of Analysis

## IL-13 Protein, Canine (HEK293, His)

Cat. No.:	HY-P78760
Batch No.:	327135
Species:	Canine
Source:	HEK293
Tag:	C-His
Accession:	NP_001003384 (S19-R131)
Gene ID:	442990
Molecular Weight:	15 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reduced SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Canine IL-13 His at 5 μg/mL (100 μL/well) can bind Human IL-13RA2 Fc with a linear range of ≤405 ng/mL.	330.6-404.7 ng/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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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