



# Certificate of Analysis

## IL-33 Protein, Canine

Cat. No.:	HY-P73210
Batch No.:	250675
Species:	Canine
Source:	<i>E. coli</i>
Tag:	Tag Free
Accession:	097863 (S110-S263)
Gene ID:	403810
Molecular Weight:	Approximately 19 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	95.50%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized IL-33 Protein, Canine at 10 μg/mL (100 μL/well) can bind human IL1R4-Fc and the EC <sub>50</sub> is 0.25-0.66 μg/mL.	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 (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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