



# Certificate of Analysis

## PD-1 Protein, Canine (HEK293, Fc)

**Cat. No.:** HY-P73341  
**Batch No.:** 290080  
**Species:** Canine  
**Source:** HEK293  
**Tag:** C-hFc  
**Accession:** NP\_001301026.1 (L25-V170)  
**Gene ID:** 486213  
**Molecular Weight:** 55-70 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	Immobilized Canine PD-1, hFc Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Human PD-L1, mFc Tag with the EC <sub>50</sub> of 67.7 ng/mL determined by ELISA	67.7 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.	
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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