



Certificate of Analysis

PD-1 Protein, Canine (HEK293, His)

Cat. No.: HY-P73342
Batch No.: 291108
Species: Canine
Source: HEK293
Tag: C-His
Accession: XP_543338.3 (L25-L169)
Gene ID: 486213
Molecular Weight: Approximately 34.88 and 65.02 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by SEC-HPLC.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to bind biotinylated human B7-H1-Fc in functional ELISA.	PASS
Appearance	Solution	
Concentration	0.25 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

Caution: Product has not been fully validated for medical applications. For research use only.

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