



# Certificate of Analysis

## PD-1 Protein, Mouse (HEK293, His-Fc)

Cat. No.:	HY-P73724
Batch No.:	268599
Species:	Mouse
Source:	HEK293
Tag:	C-hFc;C-8*His
Accession:	NP_032824.1 (L25-Q167)
Gene ID:	18566
Molecular Weight:	60-65 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.	<1 EU/μg
Biological Activity	Determined by its ability to prevent plate adhesion of PHA-stimulated Jurkat cells in the presence of 625 ng/mL of bound hPD-L1. The ED <sub>50</sub> for this effect is 0.4262 μg/mL, corresponding to a specific activity is 2.35×10 <sup>3</sup> units/mg.	0.4262 μg/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 (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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