



Certificate of Analysis

PD-L1 Protein, Rat (HEK293, Fc)

Cat. No.:	HY-P73364
Batch No.:	267295
Species:	Rat
Source:	HEK293
Tag:	C-hFc
Accession:	NP_001178883.1 (A18-T238)
Gene ID:	499342
Molecular Weight:	Approximately 63 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	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated CTLL-2 mouse cytotoxic T cells. The ED_{50} this effect is 0.2157 μg/ml in the presence of 10 μg/mL anti-CD3, corresponding to a specific activity is 4.64×10^3 units/mg.	PASS
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.	
Storage & Stability	Stored at -20°C. 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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