



# Certificate of Analysis

## PD-L1 Protein, Human (HEK293, His)

Cat. No.: HY-P7398  
 Batch No.: 253739  
 Species: Human  
 Source: HEK293  
 Tag: C-His  
 Accession: Q9NZQ7-1 (F19-T239)  
 Gene ID: 29126  
 Molecular Weight: approximately 34.68 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
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 <sub>50</sub> this effect is 1.012 μg/mL, corresponding to a specific activity is 988.14 units/mg.	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. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA