



Certificate of Analysis

PD-1 Protein, Human (143a.a, HEK293, His)

Cat. No.: HY-P7396
Batch No.: 256127
Species: Human
Source: HEK293
Tag: C-His
Accession: Q15116 (L25-Q167)
Gene ID: 5133
Molecular Weight: 30-40 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<0.2 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured in a cell proliferation assay using HT-29 cells. The ED ₅₀ this effect is 0.1452 μg/mL, corresponding to a specific activity is 6.89×10 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. 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. 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