

PD-1 Protein, Human (Biotinylated, HEK 293, His-Avi)

Cat. No.:	HY-P72406
Synonyms:	Programmed cell death protein 1; hPD-1; PDCD1; CD279
Species:	Human
Source:	HEK293
Accession:	Q15116 (P21-Q167)
Gene ID:	5133
Molecular Weight:	35-45 kDa

PROPERTIES

AA Sequence	<p>P G W F L D S P D R P W N P P T F S P A L L V V T E G D N A T F T C S F S N T S</p> <p>E S F V L N W Y R M S P S N Q T D K L A A F P E D R S Q P G Q D C R F R V T Q L</p> <p>P N G R D F H M S V V R A R R N D S G T Y L C G A I S L A P K A Q I K E S L R A</p> <p>E L R V T E R R A E V P T A H P S P S P R P A G Q F Q</p>
Biological Activity	1 Measured by its binding ability in a functional ELISA. 2 µg/mL (100 µL/well) of immobilized PD-1, Human (HEK 293, His-Avi) can bind Anti-Human PD-1 mAb with an ED50 value of 8.83 ng/mL. 2 Measured by its affinity.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
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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