

PD-1 Protein, Canine (HEK293, Fc)

Cat. No.:	HY-P73341
Synonyms:	CD279; hPD-1; PDCD1; Programmed cell death 1; SLEB2
Species:	Canine
Source:	HEK293
Accession:	XP_543338.3 (M1-L169)
Gene ID:	486213
Molecular Weight:	Approximately 43 kDa

PROPERTIES

Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized canine PD1-Fc at 10 µg/mL (100 µL/well) can bind canine PD-L1 and the EC ₅₀ is 0.16-0.4 µg/mL.
Appearance	Lyophilized powder.
Formulation	Lyophilized 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. 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. 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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