

PD-1 protein

Human PD-1 Protein, mFc-His tag

CATALOG #
AAA268937

HOST
HEK293 cells

PRODUCT SYNONYMS

PD-1; Human PD-1 Protein; mFc-His tag; PDCD1; PD1; CD279; SLEB2; PD-1 protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5 %-32 % trehalose is added as protectants before lyophilization.
Sequence Positions	PD-1 (Phe24-Val170)+mFc (Pro99-Lys330)
Species	Human
Vector and Tag	C-Mouse Fc and 6xHis tag
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)

IMAGES

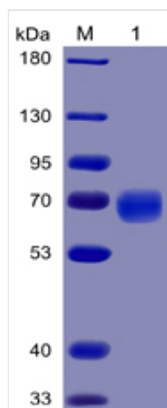

ELISA

Figure 2. ELISA plate pre-coated by 2ug/ml (100ul/well) Human PD1, mFc-His tagged protein (PME100025) can bind Anti-PD-1 Neutralizing antibody in a linear range of 0.24-6.49ng/ml.

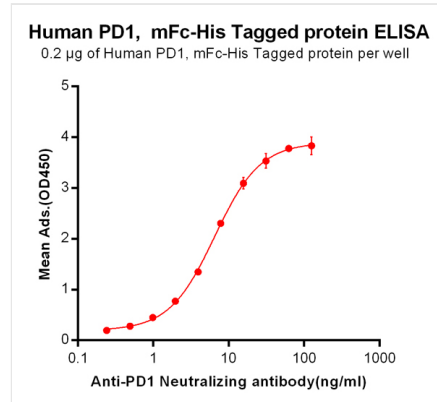

SDS-PAGE

Figure 1. Human PD-1 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for PD-1 protein

This protein is expressed in pro-B-cells and is thought to play a role in their differentiation. In mice, expression of this gene is induced in the thymus when anti-CD3 antibodies are injected and large numbers of thymocytes undergo apoptosis. Mice deficient for this gene bred on a BALB/c background developed dilated cardiomyopathy and died from congestive heart failure. These studies suggest that this gene product may also be important in T cell function and contribute to the prevention of autoimmune diseases.

NCBI AND UNIPROT INFORMATION

Molecular Weight

The protein has a predicted molecular mass of 43.5kDa after removal of the signal peptide.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/hek293-cells-protein/pd-1/268937>