

PD-L1 Recombinant Protein | PDL1 recombinant protein

Canine PD-L1 Protein, hFc Tag

CATALOG #
AAA129507

HOST
HEK293

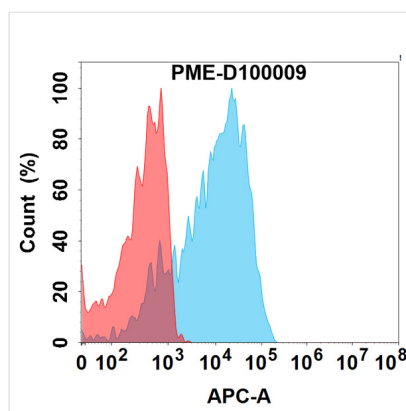
PRODUCT SYNONYMS

PD-L1; Canine PD-L1 Protein; hFc Tag; B7-H; B7H1; CD274; PDCD1L1; PDCD1LG1; PDL1; hPD-L1; Recombinant Canine PD-L1 protein with C-terminal human Fc tag; PDL1 recombinant protein

PRODUCT SPECIFICATIONS

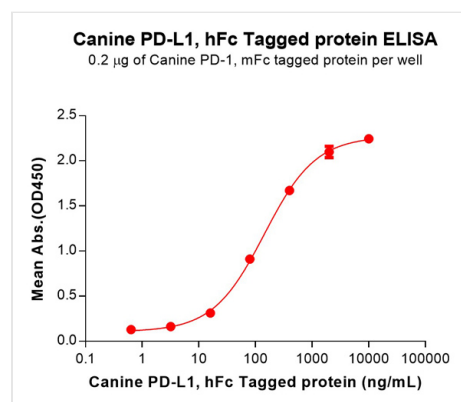
Host	HEK293
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Sequence	PD-L1(Phe1 9-His238)h Fc(Glu99-A la330)
Tag	C-Human Fc
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

IMAGES



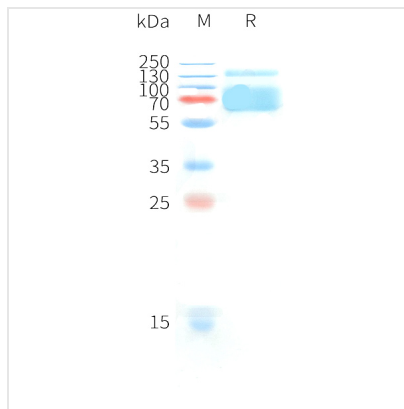
FCM/FACS (Flow Cytometry)

Figure 3. Flow cytometry analysis with 1ug/mL Canine PD-L1 Protein, hFc Tag(AAA129507) on Expi293 cells transfected with Canine PD-1 protein (Blue histogram) or Expi293 transfected with irrelevant protein (Red histogram).



ELISA

Figure 2. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Canine PD-1 Protein, mFc Tag can bind Canine PD-L1 Protein, hFc Tag (AAA129507) in a linear range of 16–2000 ng/mL.



SDS-PAGE

Figure 1. Canine PD-L1 Protein, hFc Tag on SDS-PAGE under reducing condition.

ADDITIONAL INFORMATION

Related Product Information for PDL1 recombinant protein

This gene encodes an immune inhibitory receptor ligand that is expressed by hematopoietic and non-hematopoietic cells, such as T cells and B cells and various types of tumor cells. The encoded protein is a type I transmembrane protein that has immunoglobulin V-like and C-like domains. Interaction of this ligand with its receptor inhibits T-cell activation and cytokine production. During infection or inflammation of normal tissue, this interaction is important for preventing autoimmunity by maintaining homeostasis of the immune response. In tumor microenvironments, this interaction provides an immune escape for tumor cells through cytotoxic T-cell inactivation. Expression of this gene in tumor cells is considered to be prognostic in many types of human malignancies, including colon cancer and renal cell carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

Product Categories/Family for PDL1 recombinant protein

[ECD Proteins](#)

NCBI AND UNIPROT INFORMATION

Molecular Weight

The protein has a predicted molecular mass of 51.1kDa 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.

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Online datasheet: <https://stage.aaabiotech.com/pd-l1-recombinant-protein-hek293/129507>