

PRODUCT INFORMATION

Target PDL-1

B7-H; B7H1; PDL1; CD274; hPD-L1; PDCD1L1; **Synonyms**

PDCD1LG1

Recombinant Cynomolgus PD-L1 protein with C-**Description**

terminal 10×His tag

Delivery In Stock G7PSE7 **Uniprot ID Expression Host** HFK293

C-10×His tag Tag

Molecular

Storage & Shipping

PD-L1(Phe19-Arg238) 10×His tag Characterization

The protein has a predicted molecular mass of

26.6 kDa after removal of the signal peptide. The apparent molecular mass of cPD-L1-His is **Molecular Weight**

approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before Formulation & lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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 Background

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.

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[provided by RefSeq, Sep 2015]

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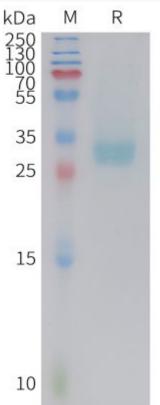


Figure 1. Cynomolgus PD-L1 Protein, His Tag on SDS-PAGE under reducing condition.



