

## Human PD-L1, His Tag, HEK293

**Catalog Number** LDG018PHM

**Package** Customized package / 100 µg

For full product information, images and publications, please visit [our website](#).



### Overview

#### Description

PD-L1 regulates immune responses by binding to the immunoinhibitory receptor PD-1 on activated T-cells and B-cells. This interaction can suppress T-cell responses by inducing apoptosis and arresting cell-cycle progression. In cancer, PD-L1's role in reducing antigen-specific T cells can promote tumor growth and immune evasion. As a result, PD-L1 is considered as a potential therapeutic target for autoimmune diseases and cancer.

### Specifications

#### Species of Origin

Human

#### Expression System

HEK293 cell

#### Affinity Tag

His Tag (C-term)

#### Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Molecular weight

The protein has a calculated MW of 26 kDa. The protein migrates as 30-35 kDa under reducing condition (SDS-PAGE analysis).

#### Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

#### Form

Lyophilized

### Background

#### Tainan Headquarter

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**Synonyms**

CD274, B7-H1

**Uniprot ID**

Q9NZQ7.1

**Sequence Note**

Phe19-Arg238

**Instruction****Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

**Stability & Storage**



This product is stable after storage at:

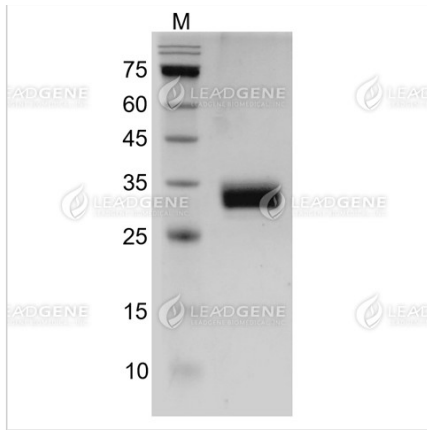
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

**Shipping**

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

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SDS-PAGE analysis of  
recombinant human PD-L1.

**Disclaimer :** For Research Use or Further Manufacturing Only.

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