

## Mouse PD-L1, His Tag, HEK293

Catalog Number	LDG002PMM
Package	5 µg / 20 µg / 100 µg / Customized package

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



### Specifications

#### Species of Origin

Mouse

#### Affinity Tag

His Tag (C-term)

#### Purity

>95% as determined by SDS-PAGE analysis.

#### Endotoxin Level

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

#### Expression System

HEK293

#### Storage Buffer

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

#### Molecular weight

The protein has a calculated MW of 25.57 kDa.  
The protein migrates as 40-50 kDa under reducing condition (SDS-PAGE analysis).

#### Form

Lyophilized

### Background

#### Tainan Headquarters

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### Background

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.

### Uniprot ID

NP\_068693

### Synonyms

CD274, B7 homolog 1 (B7-H1), PDCD1 ligand 1, Programmed death ligand 1

### Sequence Note

Met1-Thr238

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration not less than 0.2 mg/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.

## Image

### Tainan Headquarters

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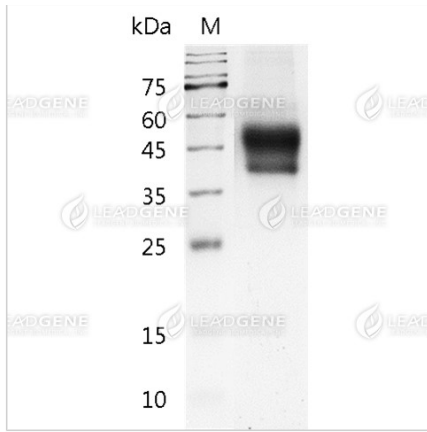
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SDS-PAGE analysis of recombinant mouse PD-L1 protein.

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