

## Mouse PD-L2, His Tag, CHO

Catalog Number	LDG013PMM
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

#### Expression system

CHO

#### Affinity Tag

His Tag (C-term)

#### 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 23.35 kDa.  
The protein migrates as 30-40 kDa under reducing condition (SDS-PAGE analysis).

#### Endotoxin level

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

#### Mycoplasma

Not detected

#### Form

Lyophilized

### Background

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### Background

PD-L2, or Programmed Death-Ligand 2, is a transmembrane protein expressed on antigen-presenting cells and non-hematopoietic cells. It functions as a ligand for the programmed cell death protein 1 (PD-1) receptor on T cells, delivering inhibitory signals that regulate immune responses. PD-L2 engagement with PD-1 contributes to T cell exhaustion, immune tolerance, and evasion of immune surveillance by tumors. Blockade of the PD-L2/PD-1 pathway has emerged as a promising strategy in cancer immunotherapy, enhancing anti-tumor immune responses. Understanding PD-L2's role in immune regulation is essential for developing targeted therapies for cancer and autoimmune diseases.

### Uniprot ID

NP\_067371

### Synonyms

PD-1 ligand 2, PD-L2, PDCD1 ligand 2, Programmed death ligand 2, Butyrophilin B7-DC (B7-DC), CD273

### Sequence Note

Met1-Arg219

## Instruction

### Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H<sub>2</sub>O to a concentration of 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:

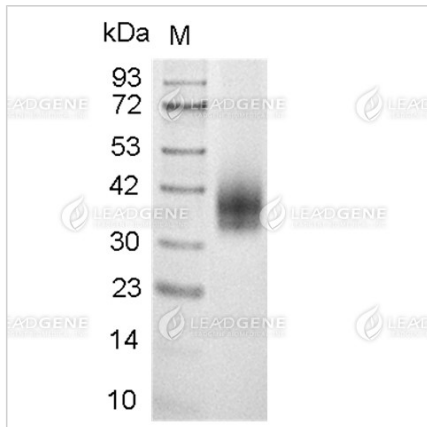
- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

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.

## Image



SDS-PAGE analysis of recombinant mouse PD-L2.

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