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

Expression system
HEK293

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 25.57 kDa.
The protein migrates as 40-50 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
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677

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.

Synonyms

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

Uniprot ID

NP_068693

Sequence Note

Met1-Thr238

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H_2O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Shipping

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

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.

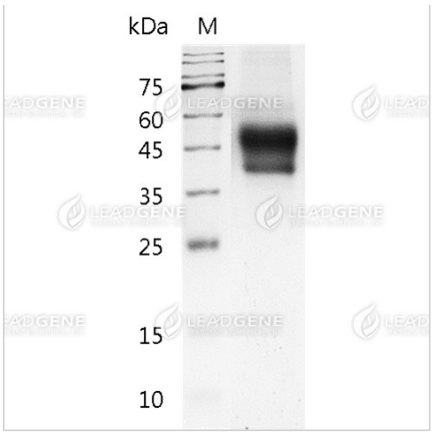
Avoid repeated freeze/thaw cycles.

Image

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677



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

Disclaimer : For Research Use or Further Manufacturing Only.

Tainan Headquarter
+886-6-2536677
bd@leadgene.com.tw

Innovation & Research Center
+886-2-27065528

CLD Center
+886-6-2536677